ANNUAL REPORT

OF THE

BOARD OF HEALTH

OF THE

DEPARTMENT OF HEALTH OF THE CITY OF NEW YORK

FOR THE

YEAR ENDING DECEMBER 31, 1907.

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BOARD OF HEALTH.

December 31, 1907.

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THEODORE A. BINGHAM . . . *Commissioner of Police.*

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ARTHUR B. DUEL, M. D.	*Consulting Otologist.*
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* Deceased.

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Ex officio Members:

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The Director of the Research Laboratory.
The Chief Medical Inspector, Division of Contagious Diseases.

Consulting Physicians to the Willard Parker and Riverside Hospitals.

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EXECUTIVE OFFICERS.

Sanitary Superintendent—
CHARLES F. ROBERTS, M. D., until June 30, 1907.
WALTER BENSEL, M. D., from July 1, 1907.

Registrar of Records—
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Chief of Division of Communicable Diseases—
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Director of Research Laboratory—
WILLIAM H. PARK, M. D.

Director of Vaccine Laboratory—
JOHN H. HUDDLESTON, M. D.

Superintendent of Hospitals—
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Chemist—
JAMES P. ATKINSON.

BOROUGH OF MANHATTAN:

Assistant Sanitary Superintendent—
WALTER BENSEL, M. D., until June 30, 1907.
ALONZO BLAUVELT, M. D., from July 1, 1907.

Chief Medical Inspector—
ALONZO BLAUVELT, M. D., until June 30, 1907.
JOHN F. WHITMYER, M. D., from July 1, 1907.

Chief Sanitary Inspector—
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Assistant Sanitary Superintendent—
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Chief Sanitary Inspector—
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Chief Sanitary Inspector—
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Chief Sanitary Inspector—
HERMAN BETZ, M. D.

BOROUGH OF RICHMOND:

Assistant Sanitary Superintendent—
JOHN T. SPRAGUE, M. D.

Chief Medical Inspector—

.....

Chief Sanitary Inspector—
THOS. McCARTY.

Table Showing the Organisation of the Department of Health, and the Powers and Duties of the Respective Officers.

I. GENERAL ADMINISTRATION.

BOARD OF HEALTH.

Commissioner of Health (President of the Board); Commissioner of Police; Health Officer of the Port.

GENERAL MEDICAL OFFICER.

Advisory Officer of the Board.

SECRETARY.

Issuance of Board Orders; Records of the Department; Correspondence.

Officers.	Powers and Duties.
Chief Clerk, Responsible to the Secretary.	Finances of the Department.
Clerical Force.	Accounts.
Inspector of Supplies.	Payrolls.
Inspectors of Construction and Repairs.	Pension Fund.
Storekeepers.	Contracts.
	Purchase of Supplies.
	Books, Blanks and Stationery.
	Sale of Department Products (Vaccine, Antitoxin, etc.)
	Storehouses at Hospitals.
	Inspection of Construction and Repairs.
Assistant Chief Clerk in each Borough. Responsible to the Chief Clerk.	Authentification of Transcripts of Department Records.
	Fees for Searches of Records.
	Incidental Expenses in the Boroughs.
	Care of Department Buildings.

Legal Bureau.

Law Clerk, detailed by Assistant Corporation Counsel. Responsible to Secretary and Commissioner.	Prepares cases for Assistant Corporation Counsel; sees that papers of Board are in proper legal form.

II. SANITARY BUREAU.

SANITARY SUPERINTENDENT.

Chief Executive Officer of the Department; Responsible to the Commissioner.

ASSISTANT SANITARY SUPERINTENDENT,

in each Borough: Responsible to the Sanitary Superintendent. In charge of Divisions of Contagious Diseases and of Inspections in each Borough.

a. DIVISION OF CONTAGIOUS DISEASES.

Chief Medical Inspector,

in each Borough.

Assistant to the Chief Medical Inspector.

Medical Inspectors (Diagnosticians).	Supervision of Contagious Diseases.
Medical Inspectors (Supervisors).	Inspection of School Children.
Medical Inspectors (District and School).	Summer Corps.
Medical Inspectors (Vaccinators).	Vaccination: Office, Schools, Institutions.
Trained Nurses.	School and District Nursing in Contagious Affections.
Disinfectors.	Disinfection and Fumigation.
Veterinarians.	Animal Inspection.

b. DIVISION OF INSPECTIONS.

Chief Sanitary Inspector,

in each Borough.

Sanitary Inspectors.	General Sanitary Inspection.
	Inspection of Lodging Houses.
	Issuance of Mercantile Certificates.
Inspectors of Food (Milk).	Milk Inspection. (*a*) Of the Sale of Milk. (*b*) Of Creameries and Dairies.
Inspectors of Food (Meat).	Meat Inspection.
Inspectors of Food (Fruit, Fish, etc.)	Inspection of Fruit, Fish and other Food.

DIVISION OF COMMUNICABLE DISEASES.

Chief of Division, Responsible to the Sanitary Superintendent.

Assistants to the Chief of Division.

Medical Inspector-in-Charge for each Borough.	Supervision of Tuberculosis, Typhoid Fever, Pneumonia, Malarial Fever, Cerebro-spinal Meningitis and Erysipelas; Administration of Diphtheria Antitoxin and Intubation (Branch in each Borough).
Medical Inspectors.	
Tuberculosis Nurses.	

Chief of Clinics.
Attending Physicians.
Assistant Attending Physicians.
Clinic Nurses.
Bacteriologists.
Bacteriological Diagnosticians.
Laboratory Assistants.

Clinics for the Treatment of Communicable Pulmonary Diseases. Boroughs of Manhattan, The Bronx and Brooklyn.

Diagnosis Laboratory (Manhattan):
Collection, preparation and examination of Pathological Specimens for Diagnostic Purposes.

DIVISION OF HOSPITALS.

Superintendent of Hospitals, Responsible to the Sanitary Superintendent.

BOROUGH OF MANHATTAN:

Medical Inspector.
Resident Physician.
Assistant Resident Physician.
Internes.
Trained Nurses.
Disinfectors.
Ambulance Drivers.

Willard Parker Hospital.
Reception Hospital.
Disinfecting Plant.
Ambulance Stable.

BOROUGH OF THE BRONX:

Medical Inspector.
Resident Physician.
Assistant Resident Physician.
Internes.
Trained Nurses.

Riverside Hospital.

BOROUGH OF BROOKLYN:

Resident Physician.
Assistant Resident Physician.
Internes.
Trained Nurses (in each hospital).
Disinfectors.
Ambulance Drivers.

Kingston Avenue Hospital.
Disinfecting Plant.
Ambulance Stable.

HOSPITAL AND DISPENSARY FOR CONTAGIOUS EYE DISEASES.

Medical Inspector in Charge, Responsible to Sanitary Superintendent.

Medical Inspectors (Ophthalmologists).
Trained Nurses.

I. Hospital, at 341 Pleasant avenue.
II. Dispensary, at Gouverneur slip.

TUBERCULOSIS SANATORIUM, OTISVILLE, N. Y.

Superintendent, Responsible to the General Medical Officer.
Resident Physician.
Assistant Resident Physicians.
Trained Nurses.

Treatment of tuberculous patients referred by the Department.

DIVISION OF LABORATORIES.

Research Laboratory.

Director, Responsible to the Sanitary Superintendent.	General Research.
Assistant Directors.	Production of Antitoxins and Pasteur Virus.
Pathologist.	
Bacteriologists.	Milk Examination.
Chemist.	Diagnosis of Glanders.
Assistant Bacteriologists.	Diagnosis of Rabies.
Laboratory Assistants.	Examination for Typhoid.

Vaccine Laboratory.

Director, Responsible to the Sanitary Superintendent.	Production and Testing of Vaccine Virus.
Medical Inspectors.	
Laboratory Assistants.	
Veterinarian.	Autopsies on Animals.

Chemical Laboratory.

Chemist, Responsible to the Sanitary Superintendent.	Milk Analysis.
Assistant Chemists.	Water Analysis.
	Food Analysis.
	General Analysis and Testing of Lactometers.

Drug Laboratory.

Chemist in Charge, Responsible to the General Medical Officer.	Compounding of, and Distribution of Drugs and Medicines to the Different Divisions of the Department.
Apothecary.	
Laboratory Assistants.	

III. BUREAU OF RECORDS.

REGISTRAR OF RECORDS,

Responsible to the Commissioner.

Assistant Registrar of Records in each Borough, Responsible to the Registrar.	Vital Statistics.
	Records of Births, Marriages and Deaths.
Clerical Force.	Searches and Transcripts of Records.
	Burial Permits, Transit and Disinterment Permits.

DEPARTMENT OF HEALTH.

REPORT FOR THE YEAR ENDING DECEMBER 31, 1907.

NEW YORK, August 3, 1908.

To the Honorable GEORGE B. MCCLELLAN,
Mayor of The City of New York:

SIR—Pursuant to Section 1168 of the Charter of The City of New York, we have the honor to submit herewith report of the work performed by the Department of Health for the year ending Deecmber 31, 1907.

Respectfully,
THE BOARD OF HEALTH,

THOMAS DARLINGTON, M. D., President,
Commissioner of Health,

THEODORE A. BINGHAM,
Police Commissioner,

ALVAH H. DOTY, M. D.,
Health Officer of the Port of New York.

I.—SANITARY BUREAU.

A.—DIVISION OF CONTAGIOUS DISEASES.

During the year a marked improvement was effected in the organization of the working-staff of this Division. Experimental work, with a view towards showing the practicability of the proposed change, was begun in February and the re-organization was completed on September 7, 1907. The new arrangement involved a complete consolidation of the work of the inspectors assigned to this Division.

Under the old plan, some of the inspectors performed the duties of "district inspectors," and had supervision over the contagious diseases in certain districts, while others were detailed as "school inspectors" and had charge of the school-work of the Division, and of vaccination. This arrangement entailed a considerable amount of duplication, both in work and in reports. For example, when a "school inspector" found a case of contagious disease during a visit to an absent pupil, it was his duty to report the case by telephone to the Central Office, where the case was turned over to a diagnostician for confirmation. If a "true case" was found by the diagnostician, a "district inspector" was notified the next morning by telephone and visited the premises, placarded the apartment, etc. Thus, within twenty-four hours three different representatives of the Department would call on the same case.

The school inspector had nothing to do with the contagious cases in his district save that he excluded children affected with contagion from school and visited absentees suspected of contagion. At the termination of a case he again saw the children who had been excluded and readmitted them to school if they presented the certificate of the "district inspector," showing that the premises occupied by the family had been disinfected. The school inspector had no means of following up, and of keeping track of the cases in the interval between exclusion and readmission.

Under the new arrangement, all classes of work are now performed by one inspector in each district. For this purpose the City was divided into smaller districts, according to the school-attendance, the population, and the average number of cases of contagious diseases occurring within each area under normal conditions. Each district was

put in full charge of a medical inspector whose duties were: (1) To exercise close supervision over each case of contagious disease within his area; (2) To visit each school in his district daily and to do the regular work of a school inspector in said schools; (3) To perform routine vaccinations in the tenements and apartments, stores, factories, etc., of his district.

The beneficial results of the new plan became apparent in a very short time. There was no longer any unnecessary duplication of visits to cases. The inspector was able to visit his cases more frequently because they were fewer in number and were located within a smaller area. This insured closer supervision, better isolation, more prompt discovery of secondary cases, an earlier termination of recovered cases, a prompt re-inspection after fumigation, and a prompt delivery of school certificates, thus enabling children to return to school from one to four or five days earlier than was possible under the old plan.

A further advantage of the new system was that the Central Office was promptly notified of absconded cases, while formerly several days elapsed before an inspector discovered that a patient and his family had absconded.

In general, under the new plan, through their acquaintance with the children in their schools, and their intimate knowledge of the infected houses, the inspectors were much better able to keep children from infected apartments out of school until the cases were terminated; the inspectors could also at all times keep the principals and teachers of their schools fully informed as to the presence or absence of contagion in a given family, and were better able to give any information called for by the Department regarding a particular case, without wasting time in looking up history cards. Under the new plan all cases are visited not later than twenty-four hours after fumigation and disinfection has been performed. On terminating a case after this final inspection, a history card is mailed to the office, and is filed in the record-envelope of the case. In this way all cases are now promptly disposed of and the files are kept clear.

The new plan has also had a favorable effect on the work of the Division in the schools. Inspectors no longer had to walk long distances between schools and were able to spend more time in school-work

proper. A marked improvement has also resulted in the facility with which vaccination is performed in the district by the inspector. The children become familiar with the inspector of the Department at school and in his visits to contagious cases, and consequently show a greater willingness to submit to vaccination than they ordinarily exhibit when a stranger enters their homes for this purpose, as was the case when a separate vaccinating corps was maintained.

During the year an improvement was also effected in the handling of reports of new cases of contagious diseases. Formerly the inpectors were notified by telephone at nine o'clock each morning as to the new cases reported in their respective districts. Under the new arrangement, the cases are telephoned about an hour earlier, at the latest by eight-thirty in the morning. This enables the inspectors to be in their districts at about nine o'clock, ready for the day's work.

For this purpose a patrolman of the Health Squad brings the mail from the Post-office at seven o'clock each morning to the office of the Division. Two clerks, who report at seven a. m., sort the reports received in this mail and arrange them by districts, each report being marked with the number of the proper district. To these are added the reports received during the preceding twenty-four hours. The clerks then immediately begin telephoning the cases to the inspectors, giving name, age, address, floor, disease, and all other necessary information for each case.

Every report of a case of contagious disease, immediately on receipt, is now stamped with a time-stamp (Fig. 1) which shows the

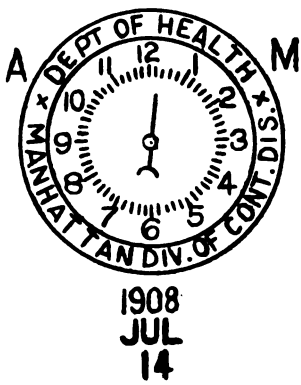

FIG. 1.

exact time when the report has been received at Central Office. In order to make these stamped impressions more legible, the official postal cards distributed by the Department to all physicians, for the purpose of reporting contagious diseases, have been so changed in the printing of the address-side, as to allow plenty of room for stamping (Fig. 2).

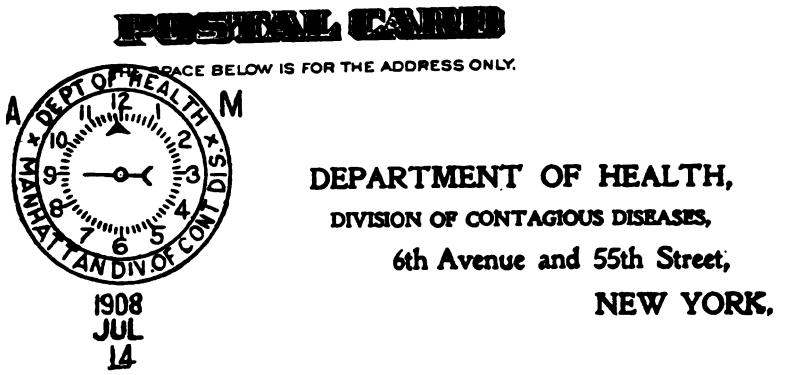

FIG. 2.

Every report of a case of contagious disease and every other communication to the Division from a physician, is immediately acknowledged by letter, or by a properly filled out answer-blank. The acknowledgements of reports of contagious cases contain also printed instructions to the physician as to his duties in the isolation and quarantine of cases, and as to the proper disinfection of the rooms; and all other regulations of the Department pertaining to the particular disease reported. In this way physicians are becoming more anl more familiar with the methods of the Department and with the best means of preventing the spread of contagious diseases.

In order to prevent waste in the stationery, blanks, cards, etc., used for the official business of the Division, for inspectors' reports, for case histories, etc., a new system of handling these supplies was inaugurated during the year. It had occurred at times that one inspector, or a small number of inspectors had at their residences a large supply of the official cards and other stationery, while other inspectors were not so well supplied and ran short of some particular blank. It was not always possible to keep a sufficient supply of each blank and each card on hand in sufficient quantities because the office had no means of ascertaining exactly how many of each *variety* of official stationery

were in the hands of inspectors at any given time. Under the present arrangement all the stationery of the Division is in charge of a responsible clerk, who is familiar with all the forms, and keeps all supplies properly classified and arranged in a railed-off part of the office. Inspectors are required to fill out a requisition for each kind of blank, card, etc., they require for the ensuing week, and to hand in this requisition not later than on Thursday of the preceding week. The supplies are then arranged in parcels and marked with the names of the inspectors, who call for them on Saturdays only. In this way the continuous and wasteful distribution of supplies is avoided, and the office is able to keep track of the quantity distributed to different inspectors, who ask only the amount they are likely to need during the next week. A considerable saving of supplies and stationery has been thus effected, and the office has been able to keep supplied with each of the needed forms so that serious shortage at no time occurs in any particular form or blank.

During the year a complete revision of the system of keeping records of cases was made. All reports from inspectors are now kept filed on a uniform size of cards. A system of special history cards has been inaugurated in cases of scarlet fever, recording (Fig. 3) the number of rooms occupied by the family, the fact whether or not the patient has been isolated, the number of children and adults in the family, etc. This special history card is sent in by the inspector within 24 hours after his first visit to a case of scarlet fever, and serves to answer all inquiries and complaints regarding the isolation of the case, and any other information that may be wanted about a case, without calling the inspector to headquarters or telephoning to him. This system of special reports will be extended to the other contagious diseases as soon as possible.

152 J—1908 FIG. 3. 754, '08, 25,000 (P)

DEPARTMENT OF HEALTH
THE CITY OF NEW YORK

SCARLET FEVER

Name **Age** **Address**

Char. of Prem. **Floor** **Reported** **Onset**

No. of Fam. **Att. Physician** **Address**

No. of Rooms occupied by Family **Case Isolated ?**

No. in Family **Adults** **Children**

Have other children had Scarlet Fever ?

Dispensary Case ?

REMARKS :

Date, **Medical Inspector.**

During 1907 the system of weekly meetings for orders and instruction which had been in vogue, especially in the corps of school inspectors, was done away with. This saved the Department the expense of hiring a hall for this purpose on Saturday mornings, the Office Building not containing any room large enough for such meetings. The inspectors were also saved the time and trouble entailed in attending these meetings which were deemed unnecessary, inasmuch as the corps had been thoroughly instructed in their duties and had been provided with typewritten rules and instructions. All additional or new orders were issued in the form of circulars or circular letters sent by mail to each inspector.

SUPERVISION OF CASES OF CONTAGIOUS DISEASES.

The extent of the work of this Division in the supervision of cases of contagious diseases is shown in the following tables, which summarize the prevalence of the different diseases and the number of visits made by Diagnosticians, Inspectors and Nurses. It should be noted here, that on July 1, 1907, *i. e.*, in the middle of the year under review,

a number of changes were made in the system of recording the statistics of the Division, as the result of suggestions made by the Bureau of Municipal Research. Consequently, the statistics for each half of the year have been compiled in separate tables in a number of instances. While this has entailed much additional work and was somewhat inconvenient for the purposes of an annual report, the changes have been definitely adopted and in next year's report the new system will be followed throughout.

Table 1 shows the prevalence of contagious diseases in the City and in the various Boroughs during the years 1903-1907, inclusive. The number of cases of diphtheria and croup reported during the current year was slightly larger than that noted during 1906. Undoubtedly, however, this increase was in part due to the greater accuracy of diagnosis which now prevails in this disease, thanks to more frequent cultures and greater vigilance in the supervision and isolation of cases and in the discovery of secondary cases by inspectors of this Division.

The year 1907 showed a marked increase in the number of reported cases of scarlet fever, especially during the last half-year, which marked the beginning of the noteworthy rise in the number of cases of this disease which was expected to occur during the winter of 1907-1908. A periodical increase in the number of scarlet fever cases seems to occur every fourth year, and was last noted in 1904, while a larger wave of increase occurs every eleventh year, and is expected in 1908.

TABLE 1.

Prevalence of Contagious Diseases—Years 1903, 1904, 1905, 1906 *and* 1907.

	Number of Cases Reported.					
	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Diphtheria and Croup—						
Year 1903	18,317	10,569	5,705	1,047	669	327
" 1904	18,158	11,016	5,026	1,167	517	432
" 1905	13,686	7,553	4,307	992	577	257
" 1906	14,757	7,444	5,211	1,251	627	224
" 1907	15,276	7,285	5,398	1,478	821	294

TABLE I—(*Continued*).

	Number of Cases Reported.					
	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Scarlet Fever—						
Year 1903	10,887	6,705	2,921	738	398	125
" 1904	13,495	7,747	4,037	974	323	414
" 1905	8,071	4,233	2,884	495	283	176
" 1906	7,881	4,068	2,760	566	342	145
" 1907	15,788	8,184	5,436	1,203	655	308
Measles—						
Year 1903	13,689	7,283	4,863	555	667	321
" 1904	32,861	17,838	10,321	2,651	848	1,203
" 1905	19,026	9,495	7,053	1,266	924	288
" 1906	38,653	18,265	13,827	3,005	1,766	1,790
" 1907	16,622	10,039	4,509	1,401	424	249
Small-pox—						
Year 1903	43	24	15	2	1	1
" 1904	74	41	29	2	1	1
" 1905	46	12	34	....	....	....
" 1906	100	48	52	....	....	....
" 1907	58	10	46	1	1	....
Chicken-pox—						
Year 1903	4,181	2,548	1,151	228	120	134
" 1904	4,263	2,124	1,335	373	147	284
" 1905	5,473	2,699	1,943	421	162	248
" 1906	4,667	2,398	1,483	396	171	219
" 1907	4,308	2,050	1,452	526	107	173
Whooping Cough—						
Year 1903	1,066	538	321	41	63	103
" 1904	1,016	585	327	24	31	49
" 1905	2,637	1,215	903	165	88	266
" 1906	2,177	894	747	128	63	345
" 1907	1,920	755	854	88	60	163
Mumps—						
Year 1903	891	754	....	90	....	47
" 1904	720	622	....	8	1	89
" 1905	1,319	852	313	113	5	36
" 1906	1,942	1,181	649	90	11	11
" 1907	982	719	177	39	5	42

TABLE I—(*Continued*).

	Number of Cases Reported.					
	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
German Measles—						
Year 1903	....	....	....	....	....	....
" 1904	....	....	....	....	....	....
" 1905	....	....	....	....	....	....
" 1906	421	360	18	26	3	14
" 1907	1,477	785	435	104	26	127
Totals Year 1903	49,074	28,421	14,976	2,701	1,918	1,058
" 1904	70,587	39,973	21,075	5,199	1,868	2,472
" 1905	50,258	26,059	17,437	3,452	2,039	1,271
" 1906	70,598	34,658	24,747	5,462	2,983	2,748
" 1907	56,431	29,827	18,307	4,842	2,099	1,356

The year 1906 was furthermore a "measles year" with 38,653 cases of measles reported in the City, while 1907 was an "off year" for this disease, with but 16,662 reported cases. The rise in the number of measles cases occurs, as the table shows, quite regularly every other year.

There were 58 cases of smallpox during the year 1907, a reduction of 42 per cent. as compared to the previous year, when the total number of smallpox cases was 100. In the Borough of Manhattan, with its crowded population, there were only 10 cases of smallpox reported during the year. As in previous years, every case of smallpox was promptly removed to the Department Hospital, the inmates of the house vaccinated on the same day, and kept under observation for three weeks. All persons suspected of having been exposed were vaccinated within forty-eight hours, and every building located within two blocks surrounding the infected house was visited and vaccination offered to all inmates. During the month of December all the lodging houses of the Bowery district were visited in the early hours of the morning and all inmates vaccinated before they left the house.

No marked change has been noted during the year in the number of cases of chicken-pox and whooping cough, but the cases of mumps diminished markedly as against the previous year.

German measles seems to have run inversely to the number of true measles cases recorded in the two years 1906-1907; for, while 1906 was a measles year, with 38,653 cases, only 421 cases of German measles were recorded in that year in the City, the year 1907, with only 16,622 cases of true measles showed 1,471 cases of German measles, or a much greater number as compared to the previous year. This, however, may be due partly to the fact that physicians are apt to make a diagnosis of measles in doubtful cases during an epidemic of this disease.

The supervision of these contagious diseases during the year required a total of 486,958 separate visits by the diagnosticians, inspectors and nurses of this Division. Table 2 shows the distribution of these visits among various classes of premises for each half year of 1907 and for each Borough as well as for the entire City. Tables 3 and 4 give further details as to the number of visits required for each disease and for general and special purposes (diagnosis) during the last six months of the year, when statistical records were inaugurated in order to demonstrate the purpose of the visits made by diagnosticians and inspectors. Two district nurses visited a certain number of cases of diphtheria, scarlet fever and measles in the Borough of Manhattan, during the last six months of the year, and the record of their visits is exhibited in Table 5. These visits were made at the request of attending physicians in cases in which the attention of a nurse were needed and where the parents were too poor to pay for such services.

TABLE 2.

Character of Premises Visited by Diagnosticians, Medical Inspectors and Nurses—Six Months Ending June 30, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Tenement-houses	135,733	72,941	54,658	6,574	1,317	243
Hotels	366	304	48	9	.....	5
Schools	72,716	38,624	24,336	4,970	2,644	2,142
Private houses	21,087	2,258	12,828	2,572	1,930	1,499
Miscellaneous	11,654	5,574	4,748	611	112	609
Total	241,556	119,701	96,618	14,736	6,003	4,498

TABLE 2.—(*Continued.*)

Character of Premises Visited by Diagnosticians, Medical Inspectors and Nurses—Six Months Ending December 31, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Tenement-houses	156,059	83,995	59,637	9,673	2,061	693
Hotels	219	168	25	9	10	7
Schools	52,284	27,915	17,361	3,562	1,732	1,714
Private houses	17,597	1,952	8,513	3,013	2,838	1,281
Institutions	1,019	442	410	102	28	37
Not found	760	452	183	95	23	7
Miscellaneous	17,464	3,774	6,587	1,142	1,509	4,452
Total	245,402	118,698	92,716	17,596	8,201	8,191

TABLE 3.

Visits to Cases Contagious Diseases and Cases Visited for Special Diagnosis by Diagnosticians and Medical Inspectors—Six Months Ending June 30, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Visits to cases contagious diseases	117,037	57,865	44,639	9,401	3,095	2,037
Cases visited for special diagnosis	5,805	3,530	1,474	566	80	155

TABLE 4.

Visits to Cases of Contagious Diseases by Diagnosticians and Medical Inspectors—Six Months Ending, December 31, 1907.

	Diphtheria.	Scarlet Fever.	Measles.	Small-pox.	Chicken Pox.	German Measles.	Whooping Cough.	Non-contagious.	Miscellaneous.	Total.
Diagnosticians—										
New York	829	1,681	833	23	262	28	....	994	515	5,165
Manhattan	413	1,019	491	1	98	20	....	458	133	2,633
Brooklyn	295	443	266	19	67	7	....	151	320	1,568
Bronx	61	113	48	3	81	....	....	334	41	681
Queens	23	65	9	....	16	....	....	33	12	158
Richmond	37	41	19	....	....	1	....	18	9	125
Medical Inspectors—										
New York	30,174	39,699	27,252	264	3,850	304	18	11	4,962	106,534
Manhattan	15,025	21,159	15,904	....	1,596	121	....	....	1,697	55,502
Brooklyn	9,178	12,959	8,565	264	1,692	162	....	....	2,958	35,778
Bronx	3,081	3,307	1,830	....	456	3	....	....	79	8,756
Queens	2,312	1,835	782	....	58	7	....	....	15	5,009
Richmond	578	439	171	....	48	11	18	11	213	1,489

TABLE 5.

Contagious Diseases—District Nurses' Visits, Six Months Ending December 31, 1907.

	Manhattan.		
	Cases Visited.	Visits.	Average Visits per Case.
Diphtheria	206	361	1.75
Scarlet fever	307	645	2.10
Measles	373	987	2.64

MEDICAL INSPECTION OF SCHOOL CHILDREN.

The work of this Division in the schools of the City now comprises (1) The supervision of contagious diseases and of minor communicable diseases, including trachoma. (2) The examination of school children for non-contagious physical defects. Tables 6, 7 and 8 give summaries of the Medical Inspection for Contagious Diseases in the Schools for 1907. During the year some changes were effected in regard to the division of labor between medical inspectors and nurses in the schools, principally with a view of lessening the time spent by medical inspectors in work which can be adequately performed by nurses. Whereas formerly the "routine examination" of all school children was performed by the inspectors in charge of their respective schools, the present system, inaugurated at the beginning of the year, places this routine inspection in charge of school nurses in those schools to which such nurses are detailed. The nurses for this purpose inspect the classes in regular order at the beginning of each term, noting on special index cards all cases of contagious diseases of the skin and the eyes, except trachoma cases. The inspectors then go through the same classes at the beginning of the school term, and diagnose the cases of trachoma, noting them on special index cards. These cards serve as a guide for the nurses in revisiting the classes during the term.

TABLE 6.

Medical Inspection of School Children for Contagious Diseases, by Medical School Inspectors—Six Months Ending December 31, 1907.

	New York.	Manhattan.	Brooklyn	The Bronx.	Queens.	Richmond.
Field of inspection—						
Total number of public schools....	467	147	156	41	89	34
Registration.....	608,204	270,104	236,482	52,381	36,312	12,925
Public schools under inspection....	461	147	150	41	89	34
Registration.....	558,722	270,104	187,000	52,381	36,312	12,925
Other schools under inspection....	196	135	44	4	13	.....
Registration.....	100,697	55,738	38,850	2,760	3,349	.....
Total schools under inspection.....	657	282	194	45	102	34
Total registration of schools under inspection.....	659,419	325,842	225,850	55,141	39,661	12,925
Visits to schools—						
Public schools.....	28,681	13,368	10,084	2,902	1,124	1,203
Other schools.....	11,526	10,218	1,014	192	102	.....
Examinations—						
"Morning" examinations of children *.....	112,069	79,102	19,770	9,026	.....	4,171
General communicable diseases found.....	624	421	156	39	.....	8
Cases found, eye and skin diseases.....	41,219	24,599	12,650	3,879	.....	91
"Routine" examinations by inspectors †.....	1,057,471	312,186	119,664	207,068	293,275	125,278
General communicable diseases found.....	26	4	4	4	4	10
Cases found, eye and skin diseases.....	36,776	18,550	8,686	8,950	347	243

* In "morning" examinations, the inspectors examine the children referred to them by teachers or nurses as suspected cases, or children returning to school after absence on account of sickness.

† "Routine" examinations are made by nurses in schools where there are nurses, otherwise by inspectors. The entire class is examined to discover any cases of eye and skin diseases except trachoma, for which a special "routine" examination is made by inspectors only.

Table 7.

Visits and Examinations of Children by Inspectors and Diseases for Which Children Were Excluded—Six Months Ending June 30, 1907.

Schools.	Visits.	Examinations.	Diseases For Which Children Excluded.										
			Measles.	Diphtheria.	Scarlet Fever.	Whooping Cough.	Mumps.	Contagious Eye Diseases.	Pediculosis.	Chicken Pox.	Skin Diseases.	Miscellaneous	Totals.
New York—													
Public Schools	42,059	2,059,836	402	39	53	228	433	1,358	1,014	466	857	801	5,651
Parochial Schools	6,958	197,000	6	4	....	5	6	64	47	9	37	33	211
American Female Guardian Society	830	15,164	3	....	....	1	6	....	3	9	....	1	23
Children's Aid Society	1,689	15,802	4	1	2	4	17	34	2	9	10	1	84
Private Schools	150	2,886	1	....	....	....	....	3	....	1	1	....	6
Kindergarten Schools	3,499	14,600	6	....	1	....	1	6	6	6	8	1	35
Total	55,185	2,305,288	422	44	56	238	463	1,465	1,072	500	913	837	6,010
Manhattan—													
Public Schools	21,924	545,111	296	17	23	111	281	838	88	257	209	165	2,285
Parochial Schools	4,398	45,441	5	4	....	2	2	60	7	1	3	....	84
American Female Guardian Society	754	6,259	3	....	....	1	6	....	3	9	....	1	23
Children's Aid Society	1,689	15,802	4	1	2	4	17	34	2	9	10	1	84
Private Schools	150	2,886	1	....	....	....	....	3	....	1	1	....	6
Kindergarten Schools	3,367	12,421	6	....	1	....	1	6	6	5	7	....	32
Total	32,282	627,920	315	22	26	118	307	941	106	282	230	167	2,514

Brooklyn—													
Public Schools	12,548	426,731	90	8	23	72	116	165	497	102	414	541	2,028
Parochial Schools	2,131	92,259	1	....	....	3	4	3	39	8	32	33	123
Kindergarten Schools	132	2,179	....	....	....	....	....	....	....	1	1	1	3
Total	14,811	521,169	91	8	23	75	120	168	536	111	447	575	2,154
Bronx—													
Public Schools	4,090	244,918	12	14	7	19	28	179	357	94	201	73	984
Parochial Schools	207	10,792	....	....	....	....	....	1	1	....	2	....	4
American Female Guardian Society	76	8,905	....	....	....	....	....	....	....	....	....	....	....
Total	4,373	264,615	12	14	7	19	28	180	358	94	203	73	988
Queens—													
Public Schools	1,703	662,089	4	....	....	4	6	135	51	2	25	4	231
Parochial Schools	222	48,508	....	....	....	....	....	....	....	....	....	....	....
Total	1,925	710,597	4	....	....	4	6	135	51	2	25	4	231
Richmond—													
Public Schools	1,794	180,987	....	....	....	22	2	41	21	11	8	18	123
Parochial Schools	.....	....	....	....	....	....	....	....	....	....	....	....	....
Total	1,794	180,987	....	....	....	22	2	41	21	11	8	18	123

TABLE 7.

Visits and Examinations of Children by Inspectors and Diseases for Which Children Were Excluded—Six Months Ending June 30, 1907.

Schools.	Visits.	Examinations.	Diseases For Which Children Excluded.										
			Measles.	Diphtheria.	Scarlet Fever.	Whooping Cough.	Mumps.	Contagious Eye Diseases.	Pediculosis.	Chicken Pox.	Skin Diseases.	Miscellaneous	Totals.
New York—													
Public Schools	42,059	2,059,836	402	39	53	228	433	1,358	1,014	466	857	801	5,651
Parochial Schools	6,958	197,000	6	4	....	5	6	64	47	9	37	33	211
American Female Guardian Society	830	15,164	3	....	....	1	6	....	3	9	....	1	23
Children's Aid Society	1,689	15,802	4	1	2	4	17	34	2	9	10	1	84
Private Schools	150	2,886	1	....	....	....	....	3	....	1	1	....	6
Kindergarten Schools	3,499	14,600	6	....	1	....	1	6	6	6	8	1	35
Total	55,185	2,305,288	422	44	56	238	463	1,465	1,072	500	913	837	6,010
Manhattan—													
Public Schools	21,924	545,111	296	17	23	111	281	838	88	257	209	165	2,285
Parochial Schools	4,398	45,441	5	4	....	2	2	60	7	1	3	....	84
American Female Guardian Society	754	6,259	3	....	....	1	6	....	3	9	....	1	23
Children's Aid Society	1,689	15,802	4	1	2	4	17	34	2	9	10	1	84
Private Schools	150	2,886	1	....	....	....	....	3	....	1	1	....	6
Kindergarten Schools	3,367	12,421	6	....	1	....	1	6	6	5	7	....	32
Total	32,282	627,920	315	22	26	118	307	941	106	282	230	167	2,514

The Bronx—																		
Morning	9,026	2	2	..	..	26	3	6	39	492	595	98	152	67	5	442	2,028	3,879
Routine	207,068	..	1	..	..	3	..	..	4	1,288	1,672	103	150	14	1	4,676	1,046	8,950
Total	216,094	2	3	..	..	29	3	6	43	1,780	2,267	201	302	81	6	5,118	3,074	12,829
Excluded	.....	2	3	..	..	29	3	6	43	95	47	22	75	17	..	226	45	527
Queens—																		
Morning	.....	..	..	..	..	..	..	..	..	....	....	..	..	..	..	....	....	....
Routine	293,275	..	..	..	..	2	..	2	4	101	94	5	27	24	2	62	32	347
Total	293,275	..	..	..	..	2	..	2	4	101	94	5	27	24	2	62	32	347
Excluded	.....	..	..	..	..	2	..	2	4	63	1	5	16	20	1	35	....	141
Richmond—																		
Morning	4,171	..	..	1	..	1	..	6	8	39	4	1	3	9	..	29	6	91
Routine	125,278	1	2	..	..	2	..	5	10	91	12	3	7	13	1	109	7	243
Total	129,449	1	2	1	..	3	..	11	18	130	16	4	10	22	1	138	13	334
Excluded	.....	1	2	1	..	2	..	9	15	92	4	3	5	11	1	53	3	172

Table 8.

Examinations of School Children by Inspectors and Diseases Found—Six Months Ending December 31, 1907.

	Examinations.	Diseases for Which Children Were Excluded.																Total.
		Diphtheria.	Scarlet Fever.	Measles.	Small-pox.	Chicken Pox.	Whooping Cough.	Mumps.	Total.	Trachoma.	Eye.	Ringworm.	Impetigo.	Scabies.	Favus.	Pediculosis.	Miscellaneous.	
New York—																		
Morning	112,069	73	39	56	..	249	41	166	624	5,502	8,374	706	1,003	527	80	3,716	21,311	41,219
Routine	1,057,471	1	5	1	..	10	1	8	26	12,569	6,890	220	355	95	13	13,252	3,382	36,776
Total	1,169,540	74	44	57	..	259	42	174	650	18,071	15,264	926	1,358	622	93	16,968	24,693	77,995
Excluded	.....	74	44	57	..	258	42	172	647	1,194	404	117	253	248	13	695	465	3,489
Manhattan—																		
Morning	79,102	59	24	50	..	131	26	131	421	3,179	4,667	381	470	254	53	692	14,903	24,599
Routine	312,186	..	2	..	..	1	1	..	4	9,376	3,181	74	105	23	8	3,894	1,889	18,550
Total	391,288	59	26	50	..	132	27	131	425	12,555	7,848	455	575	277	61	4,586	16,792	43,149
Excluded	.....	59	26	50	..	132	27	131	425	567	204	24	59	71	6	126	269	1,326
Brooklyn—																		
Morning	19,770	12	13	5	..	91	12	23	156	1,792	3,108	226	378	197	22	2,553	4,374	12,650
Routine	119,664	..	..	1	..	2	..	1	4	1,713	1,931	35	66	21	1	4,511	408	8,686
Total	139,434	12	13	6	..	93	12	24	160	3,505	5,039	261	444	218	23	7,064	4,782	21,336
Excluded	.....	12	13	6	..	93	12	24	160	477	148	63	98	129	5	255	148	1,323

TABLE 10.

Visits and Diseases Cared For by Nurses—Six Months Ending June 30, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Number of visits to tenement houses	29,726	18,643	9,760	634	563	126
Number of visits to schools	17,404	6,215	9,525	597	719	348
Number of miscellaneous visits	804	577	30	36	52	109
Total number of visits	47,934	25,435	19,315	1,267	1,334	583
Number of Cases of Diseases Cared For.						
Pediculosis	450,483	197,524	204,578	21,303	21,401	5,677
Trachoma	117,671	88,191	26,174	2,543	691	72
Contagious eye diseases	112,331	18,442	77,087	1,855	14,507	440
Scabies	6,577	4,566	1,758	124	115	14
Ringworm	16,619	10,816	3,634	1,993	133	43
Impetigo	22,810	11,043	9,885	830	784	268
Favus	1,981	1,907	16	58	.....	.....
Measles	1,441	1,441	.....	.....	.....	.....
Diphtheria	88	88	.....	.....	.....	.....
Scarlet Fever	1,138	1,138	.....	.....	.....	.....
Miscellaneous	41,052	22,217	13,899	1,569	1,932	1,435
Total number of cases treated	772,191	357,373	337,031	30,275	39,563	7,949
Number of new children treated	39,561	7,753	26,204	3,185	1,869	550
Number of examinations	1,848,577	1,646,436	70,905	80,725	32,317	18,194

TABLE 9.

Medical Inspection of School Children for Contagious Diseases, by School Nurses—Six Months Ending December 31, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Total number of public schools	467	147	156	41	89	34
Registration	608,204	270,104	236,482	52,381	36,312	12,925
Public schools under inspection	362	109	111	19	89	14
Registration	483,075	239,693	160,893	36,608	36,312	9,569
Other schools under inspection	67	17	36	1	13	.....
Registration	29,849	10,445	15,688	367	3,349	.....
Total schools under inspection	429	146	147	20	102	14
Registration	512,924	250,138	176,581	36,975	39,661	9,569
Number nurses assigned to school duty	67	35	20	5	4	3
Number visits to public schools	10,673	4,043	5,174	453	494	509
Number visits to other schools	1,162	261	880	15	6	.....
Total visits to schools	11,835	4,304	6,054	468	500	509
Visits to tenements	20,867	12,029	7,405	824	429	180
Visits, miscellaneous	745	73	261	10	30	371

TABLE 10.

Visits and Diseases Cared For by Nurses—Six Months Ending June 30, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Number of visits to tenement houses	29,726	18,643	9,760	634	563	126
Number of visits to schools	17,404	6,215	9,525	597	719	348
Number of miscellaneous visits	804	577	30	36	52	109
Total number of visits	47,934	25,435	19,315	1,267	1,334	583
Number of Cases of Diseases Cared For.						
Pediculosis	450,483	197,524	204,578	21,303	21,401	5,677
Trachoma	117,671	88,191	26,174	2,543	691	72
Contagious eye diseases	112,331	18,442	77,087	1,855	14,507	440
Scabies	6,577	4,566	1,758	124	115	14
Ringworm	16,619	10,816	3,634	1,993	133	43
Impetigo	22,810	11,043	9,885	830	784	268
Favus	1,981	1,907	16	58	.....	.....
Measles	1,441	1,441	.....	.....	.....	.....
Diphtheria	88	88	.....	.....	.....	.....
Scarlet Fever	1,138	1,138	.....	.....	.....	.....
Miscellaneous	41,052	22,217	13,899	1,569	1,932	1,435
Total number of cases treated	772,191	357,373	337,031	30,275	39,563	7,949
Number of new children treated	39,561	7,753	26,204	3,185	1,869	550
Number of examinations	1,848,577	1,646,436	70,905	80,725	32,317	18,194

TABLE 2.—(*Continued.*)

Character of Premises Visited by Diagnosticians, Medical Inspectors and Nurses—Six Months Ending December 31, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Tenement-houses	156,059	83,995	59,637	9,673	2,061	693
Hotels	219	168	25	9	10	7
Schools	52,284	27,915	17,361	3,562	1,732	1,714
Private houses	17,597	1,952	8,513	3,013	2,838	1,281
Institutions	1,019	442	410	102	28	37
Not found	760	452	183	95	23	7
Miscellaneous	17,464	3,774	6,587	1,142	1,509	4,452
Total	245,402	118,698	92,716	17,596	8,201	8,191

TABLE 3.

Visits to Cases Contagious Diseases and Cases Visited for Special Diagnosis by Diagnosticians and Medical Inspectors—Six Months Ending June 30, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Visits to cases contagious diseases	117,037	57,865	44,639	9,401	3,095	2,037
Cases visited for special diagnosis	5,805	3,530	1,474	566	80	155

Table 4.

Visits to Cases of Contagious Diseases by Diagnosticians and Medical Inspectors—Six Months Ending, December 31, 1907.

	Diphtheria.	Scarlet Fever.	Measles.	Small-pox.	Chicken Pox.	German Measles.	Whooping Cough.	Non-contagious.	Miscellaneous.	Total.
Diagnosticians—										
New York	829	1,681	833	23	262	28	....	994	515	5,165
Manhattan	413	1,019	491	1	98	20	....	458	133	2,633
Brooklyn	295	443	266	19	67	7	....	151	320	1,568
Bronx	61	113	48	3	81	....	....	334	41	681
Queens	23	65	9	....	16	....	....	33	12	158
Richmond	37	41	19	....	....	1	....	18	9	125
Medical Inspectors—										
New York	30,174	39,699	27,252	264	3,850	304	18	11	4,962	106,534
Manhattan	15,025	21,159	15,904	....	1,596	121	....	....	1,697	55,502
Brooklyn	9,178	12,959	8,565	264	1,692	162	....	....	2,958	35,778
Bronx	3,081	3,307	1,830	....	456	3	....	....	79	8,756
Queens	2,312	1,835	782	....	58	7	....	....	15	5,009
Richmond	578	439	171	....	48	11	18	11	213	1,489

Date	State diagnosis of defective condition found State treatment received

TABLE 12.

Examination of School Children for Non-Contagious Physical Defects—Six Months Ending December 31, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Richmond.
Examination—					
Total registration in schools under inspection	619,758	325,841	225,850	55,141	12,925
Number of children examined	147,786	77,674	58,266	10,943	903
Percentage of total registration	23.84	23.83	75.79	19.84	6.98
Number needing treatment	106,904	55,904	41,867	9,058	75
Percentage of those examined needing treatment	72.33	71.97	71.85	82.77	8.30

NOTE.—No physical examinations performed in Borough of Queens.

TABLE 13.

Medical Examination of School Children—Non-Contagious Physical Defects Found—Six Months Ending December 31, 1907.

	New York.		Manhattan.		Brooklyn.		The Bronx.		Richmond.	
	Number.	Percentage.*	Number.	Percentage.*	Number.	Percentage.*	Number.	Percentage.*	Number.	Percentage.*
Defects—										
Defective vision	22,090	20.66	† 7,064	12.44	14,750	35.23	257	2.83	19	25.33
Defective hearing	1,860	1.73	559	.99	1,054	2.51	243	2.68	4	5.33
Bad nutrition	5,111	4.78	2,579	4.60	2,239	5.34	287	3.16	6	8.00
Enlarged glands	41,965	39.25	27,498	49.19	9,798	23.40	4,664	51.49	5	6.66
Anemia	4,604	4.30	3,805	6.81	.....	....	799	8.82	..	....
Chorea	650	.60	419	.73	121	.28	110	1.21	..	....
Pulmonary disease	1,291	1.20	774	1.39	222	.53	295	3.25	..	....
Cardiac disease	899	.84	518	.93	269	.64	112	1.23	..	....
Skin disease	2,172	2.03	999	1.79	748	1.78	421	4.64	4	5.33
Orthopedic deformities	982	.91	645	1.16	240	.57	83	.91	14	18.66
Mouth breathing	17,333	16.21	10,651	19.05	4,312	10.29	2,363	26.08	7	9.33
Defective teeth	76,450	71.51	40,739	72.87	29,415	70.25	6,291	69.45	5	6.66
Defective palate	1,819	1.70	751	1.34	466	1.11	597	6.59	5	6.66
Hypertrophied tonsils	44,421	41.55	26,026	46.55	12,428	29.66	5,958	65.77	9	13.33
Post-nasal growths	15,865	24.19	17,226	30.79	4,067	9.71	4,566	50.40	6	8.00
Defective mentality	1,249	1.16	767	1.37	366	.87	109	1.20	7	9.33
Total	248,761	....	141,020	....	80,495	....	27,155	....	91	....

* Based on the number needing treatment.
† Not tested in lower grades.
NOTE.—No physical examination performed in the Borough of Queens.

Work of the Summer Corps of Inspectors and Nurses.

The work of the Summer Corps during the year 1907 was carried on, in the main, along the same lines as in previous years. The City was divided into districts and each family where there were children under two years of age was visited by an inspector or nurse who gave verbal instructions as to feeding and hygiene, and who distributed circulars of instruction, hangers with formulas and rules for feeding, and tickets for free modified milk, ice, and for excursions on the Floating Hospital of the St. John's Guild. In all cases in which a child was found ill with any diarrheal or other gastro-intestinal affection, and in which no attending physician had charge of the child, proper treatment was advised and prescribed, while in special cases nurses were detailed to apply such means as irrigations of the bowels, baths, etc., to care for sick infants and to instruct mothers in the proper care of these children.

The number of children under two years of age visited by inspectors and nurses during the summer of 1907 was 62,040 (Table 14); the number of tenements visited in this work was 34,523, covering all the densely populated sections of the City. In order to find the families having children under two years, each family in these houses had to be visited, making a total of 250,365 families visited. Revisits were made wherever sick children were found that had no medical attendance, the total number of such revisits being 1,313.

On visiting each child under two years of age the inspector or nurse filled out a history-card, giving the name, address, floor or room number, date of birth, manner of feeding and presence or absence of diarrheal or other digestive diseases. The object of ascertaining the date of birth was to determine, if possible, whether the birth had been registered with the Bureau of Records.

The total number of diarrheal cases thus found was 2,274. Of these 1,418 were under the care of private physicians, while the rest were treated by the inspectors and nurses of the Department.

TABLE 14.

Summer Corps, 1907.

Inspectors and Nurses.

	New York.		Manhattan.		Brooklyn.		The Bronx.		Queens.		Richmond.	
	Inspectors.	Nurses.	Inspectors.	Nurses.	Inspectors.	Nurses.	Inspectors.	Nurses.	Inspectors.	*Nurses.	Inspectors.	*Nurses.
Visits—												
Tenement houses visited	23,840	11,683	8,404	5,940	12,630	5,479	1,646	264	719	....	441	....
Miscellaneous visits	8,677	1,302	742	336	2,842	910	209	56	1,231	....	3,653	....
Total visits	32,517	12,985	9,146	6,276	15,472	6,389	1,855	320	1,950	....	4,094	....
Families visited	175,253	75,112	90,574	43,179	59,010	29,421	15,365	2,512	4,594	....	5,710	....
Children under 2 years visited	44,153	16,474	24,268	9,186	13,577	6,624	3,519	664	1,085	....	1,704	....
Revisits to sick	1,080	233	436	179	88	50	42	4	17	....	497	....
Total visits to children	45,233	16,707	24,704	9,365	13,665	6,674	3,561	668	1,102	....	2,201	....
Cases—												
Cases of diarrheal diseases found	1,784	490	1,011	205	537	259	105	26	47	....	84	....
Cases per 1,000 of children visited	40.40	29.74	41.65	22.31	39.55	38.80	29.83	39.15	43.31	....	49.29	....
Attended by private physician	1,095	323	607	138	319	162	73	23	35	....	61	....
Attended by inspector or nurse	689	167	404	67	218	97	32	3	12	....	23	....
Total	1,784	490	1,011	205	537	259	105	26	47	....	84	....
Children examined at pier for St. John's Guild	37,105	....	37,105	....	....	....	....	....	....	....	....	....
Deaths from diarrheal diseases	1,808	652	869	266	601	370	180	16	98	....	60	....

* No Nurses in Boroughs of Queens or Richmond.

TABLE 15.

Methods of Feeding of Children Registered by Summer Corps, 1907.

	Under 9 Months.				Over 9 and Under 24 Months.			
	Number.	Per Cent. of Total.	With Diarrheal Diseases.		Number.	Per Cent. of Total.	With Diarrheal Diseases.	
			Number.	Per Cent.			Number.	Per Cent.
Breast fed	20,990	81.15	350	42.47	10,526	30.34	331	22.67
Milk, modified	858	3.31	109	13.22	1,211	3 49	113	7.73
Milk, boiled at home	725	2.80	87	10.55	1,770	5.10	122	8.35
Milk, pasteurized, Straus	225	.87	31	3.76	247	.71	34	2.32
Milk, pasteurized, commercial	139	.53	17	2.06	343	.98	20	1.37
Milk, condensed	682	2.63	80	9.70	777	2.24	56	3.83
Milk, raw	28	.10	1	.12	154	.44	6	.41
Patent food	336	1.29	27	3.27	531	1.53	46	3.15
Table food	202	.78	9	1.09	9,463	27.27	308	21.09
Raw fruit	17	.06	2	.24	102	.29	7	.47
Mixed feeding	1,663	6.42	111	13.47	9,568	27.57	417	28.56
Total	25,865	100	824	100	34,692	100	1,460	100

An investigation into the methods of feeding children under two years of age visited by the inspectors and nurses of the Summer Corps is summarized in Table 15. The age of nine months being the usual age of weaning, the feeding of children under nine months of age was noted separately from that of older children. As in previous years, the percentage of breast-fed children was large, 81.15 per cent. of infants under nine months being thus nourished (Table 15), while only 18.85 per cent. were artificially fed. These 18.85 per cent., however, supplied 57.53 per cent., or over one-half, of all the cases of diarrhea in children of this age-group noted during the summer of 1907. On the other hand, the 81.15 per cent. of breast-fed children supplied the lesser fraction, namely 42.47 per cent., of the cases of diarrhea. In other words, it appears that a child is much more apt to be affected with summer diarrhea when it is fed on artificial food than if it is exclusively breast-fed.

The percentage of diarrheas among the breast-fed children, however, remains considerable, undoubtedly owing to (1) The prevalent practice of overfeeding, and of irregular and too frequent nursing; (2) The very common practice of giving breast-fed children other food, without admitting this when questioned by inspectors or nurses, and (3) The bad hygiene prevailing in many tenements during the summer months, owing to poverty and ignorance.

All these factors, however, are gradually yielding under the efforts of the Department in its annual crusade against improper feeding and overfeeding, and for the prompt treatment of the slightest digestive or diarrheal symptom in infants during the summer.

Whenever a death was reported from a diarrheal disease during the spring and summer months, an inspector was sent to investigate the manner of feeding that had been used in each instance. The results of this investigation are set forth in Table 16, which strikingly shows the dangers of artificial feeding as compared to breast-feeding. Of the total number of children under nine months of age who died of diarrheal diseases, 25.04 per cent. had been breast-fed, while 74.96, or three times as many had been artificially fed. In the older children the character of the feeding before weaning was ascertained, and very similar figures were obtained. Of these older children (over nine months) 23.72 per cent. have had the benefit of breast-feeding in their first year of life, while 76.28 per cent. of these deaths occurred in children who had been artificially fed. Condensed milk furnished a notable death-rate in this table—larger than any other single method of artificial feeding.

TABLE 16.

Methods of Feeding of Children Dying from Diarrheal Diseases and Investigated by Summer Corps, 1907.

	Under 9 Months.		Over 9 and Under 24 Months.	
	Number.	Per Cent. of Total.	Number.	Per Cent. of Total.
Breast fed	425	25.04	181	23.72
Milk, modified	270	15.91	92	12.05
Milk, boiled at home	207	12.19	84	11.01
Milk, pasteurized, Straus	56	3.29	20	2.62
Milk, pasteurized, commercial	42	2.47	19	2.49
Milk, condensed	310	18.26	96	12.58
Milk, raw	14	.82	18	2.35
Patent food	109	6.42	43	5.63
Table food	1	.05	31	4.06
Raw fruit	3	.17	1	.13
Mixed feeding	260	15.32	178	23.32
Total	1,697	100	763	100

TABLE 17.

Vaccinations in Schools—Six Months Ending December 31, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Work Performed—						
Children examined	53,024	18,763	4,261	1,388	27,613	999
Children vaccinated by department physicians	20,133	5,787	4,261	628	9,120	337
Children vaccinated by other physicians	4,610	895	....	155	3,560	....
Children not requiring vaccination	24,133	7,933	....	605	14,933	662
Pending	4,148	4,148	....	....	....	....

VACCINATION.

The work of vaccination performed by the Department of Health during the year was divided into the following classes:

(1) *Office Vaccination*—At the Offices of the respective Boroughs public vaccination-rooms are maintained, which are open from nine in the morning to four o'clock in the afternoon, except on Saturdays, when they are open from nine until twelve o'clock.

(2) *School Vaccination*—In each Borough inspectors are assigned as school vaccinators who perform systematic vaccinations in both public and other schools. Furthermore, the regular inspectors in charge of schools perform the necessary vaccinations at the beginning of each term in the case of newly admitted scholars whose parents wish them vaccinated at school (Table 17).

(3) *Vaccinations in Institutions*—During the year an inspector was detailed to vaccinate the inmates of the penal and charitable institutions on Blackwell's Island, and the inspector in charge of institutions performed vaccinations in the various hospitals, homes, etc.

(4) *District Vaccinations* by the inspectors in charge of the various districts of the City, who offer vaccinations in the tenements and apartments of their respective areas. This work has been done usually on Saturday mornings, during the school vacations at Christmas and Easter, and at such other times as the work of supervising the contagious diseases was running light in any district.

(5) *Vaccinations in Cases of Small-pox*—One medical inspector is required to hold himself in readiness to visit small-pox houses at any time during the night for each day of the year, the inspectors taking turn in alphabetical order in this assignment, and telephoning at 6 p. m. on the date of their assignment to Central Office, notifying the operator in charge that they are in readiness and inquiring whether any cases are to be attended to. In this way one inspector is always available for the purpose of vaccinating the inmates of a house infected with small-pox during any hour of the night, when this may be needed. The method of vaccinating the inmates of infected houses and of offering vaccinations to all inhabitants of the surrounding blocks has already been spoken of above (page 22).

(6) *Vaccinations in Lodging Houses*—Whenever desirable, owing to the danger of a spread of small-pox among inmates of lodging houses, the entire corps of inspectors or such portion thereof as may be required for this purpose is notified to report at Central Office at 3 o'clock in the morning. Assignments are then made covering every lodging house in the Bowery district, two inspectors, accompanied by a policeman, being assigned to each house. The inmates are vaccinated during the early hours of the morning and no one is allowed to leave the house unless either vaccinated or passed by the inspector, as having received a recent successful vaccination. This method has proved very effective during the last small-pox epidemic in this City and has been used during the month of December of the current year.

Table 18 shows in detail the number of vaccinations of each class performed during the last six months of the year, and the total number in each Borough during the first six months of the year.

TABLE 18.

Total Vaccinations by Department of Health, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Total vaccinations first six months 1907	88,670	68,032	13,246	5,792	1,382	218
Vaccinations in public schools	19,548	5,787	3,676	628	9,120	337
Vaccinations in other schools	585	.....	585	.....	.....	.....
Vaccinations in districts	33,142	21,330	9,941	1.871	.....	.....
Vaccinations at offices	16,982	9,765	4,387	2,211	544	75
Vaccinations at Blackwell's Island	5,598	5,598	.....	.....	.....	.....
Vaccinations at hospitals	4,620	3,542	711	367	.....	.....
Vaccinations by summer corps	2,010	1,001	625	205	.....	179
Total vaccinations last six months 1907	82,485	47,023	19,925	5,282	9,664	591

DISINFECTION AND FUMIGATION OF PREMISES.

During the year an important change in the methods of disinfection and fumigation of infected houses and apartments has been inaugurated with a view of making this work more prompt and efficient. The Disinfector in Charge reports at Central Office daily at 5 a. m., arranges the orders for disinfection received during the previous 24 hours by districts, and notes the necessary details thereon. At 7 a. m. the Disinfectors report at the office, receive their assignments in the form of completely filled out disinfection orders, and supply themselves with the material needed for the number of disinfections each man has to perform during the day. The disinfectors are thus able to be in their respective districts at the hour of eight or half-past eight in the morning and in this way, not only to complete a greater number of disinfections daily, but also to begin earlier and to allow occupants of infected premises to re-enter their disinfected apartments sooner.

TABLE 19.

Disinfection of Premises, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Houses visited for—						
Disinfection, first six months ending June 30, 1907	25,798	13,810	8,515	2,102	981	390
Disinfection, last six months ending December 31, 1907	21,233	11,326	6,510	2,055	1,005	337
Rooms disinfected, year 1907	81,940	48,075	20,188	9,317	3,010	1,350
Disinfections performed, six months ending December 31, 1907—						
Diphtheria	5,862	2,766	2,009	599	340	148
Scarlet fever	4,760	2,580	1,489	395	213	83
Measles	4,583	7,848	1,258	326	113	38
Small-pox	12	.....	11	1	.....	.....
Tuberculosis	3,514	1,810	1,203	309	153	39
Typhoid	247	93	12	128	3	11
Cerebro-spinal meningitis	163	87	51	13	8	4
Glanders (human)	1	1	.....	.....	.....	.....
Glanders (horses)	506	330	107	58	8	3
Miscellaneous	273	225	8	32	6	2
Total	19,921	10,740	6,148	1,861	844	328

TABLE 20.

Goods Disinfected or Destroyed, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Pieces of goods disinfected, first six months, ending June 30, 1907	74,489	36,514	30,164	5,037	1,353	1,421
Pieces of goods destroyed, first six months, ending June 30, 1907	20,824	11,566	4,870	1,098	231	3,059
Lots of goods disinfected, last six months, ending December 31, 1907	23,546	7,707	14,282	1,105	316	136
Lots of goods destroyed, last six months, ending December 31, 1907	1,735	943	517	221	50	4

At the re-inspections made by inspectors in cases in which disinfection had been performed, a large number of cases were found in which occupants of such premises had re-opened the rooms too soon

after the disinfectors had sealed them, in spite of the warning posted on the doors of such rooms, not to re-open them within a specified number of hours. The detection of these cases was only possible under the new system of smaller districts and closer supervision of contagious diseases already referred to above. Under such cirsumstances the inspector at once ordered re-disinfection of the apartments opened without permission, before the expiration of the full time prescribed. Table 19 shows in detail the number of disinfections performed in the City and the different Boroughs during the year, as well as the number of disinfections performed for each of the diseases requiring such action. Table 20 summarizes the number of "lots" of goods removed for disinfection or destroyed during the year.

Animal Inspection.

The work of the veterinarians of this Division for 1907 is shown in Table 21. As in previous years, this work included (1) the examination of horses for glanders, the mallein test being applied wherever necessary; (2) the examination of cows for tuberculosis, the tuberculin test being used where needed; (3) the examination of dogs for hydrophobia, suspected cases being sent to the Research Laboratory for further examination. In addition, the work included the inspection of stables and the examination of all animals in stables in which communicable disease had occurred, the disinfection of such stables being ordered after the removal of the infected animals.

Table 21.

Animal Inspection—Six Months Ending June 30, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Number of inspections of stables.....	3,894	1,927	661	231	607	468
Number of animals examined.....	28,110	14,314	469	629	7,323	5,375
Number of post-mortems on animals..	68	52	.....	.....	.....	13
Number of glandered horses condemned and destroyed.....	645	316	246	45	35	3

TABLE 21—(*Continued.*)

Animal Inspection—Six Months Ending December 31, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Horses—						
Examination of horses	22,162	9,718	3,881	343	5,609	2,611
Blood specimens taken	420	386	30	.....	.....	4
Horses tested with mallein	129	60	32	3	31	3
Glandered horses condemned and destroyed	631	325	218	54	20	14
Post-mortem examinations of horses	41	8	.....	.....	12	21
Inspections of stables	3,550	1,816	515	283	324	612
Disinfection of stables ordered	600	348	162	67	8	15
Dogs—						
Examination of dogs	1,104	211	130	44	4	715
Animals referred to Research Laboratory for diagnosis of rabies	63	18	20	3	2	20
Cases of rabies	37	3	13	2	.....	19
Cows—						
Examinations of cows	1,666	31	.....	361	9	1,265
Cows tested with tuberculin	317	.....	.....	236	1	80
Cows condemned	1	.....	.....	1	.....	.....
Miscellaneous—						
Examinations of other animals	139	14	.....	.....	.....	125
Post-mortem on other animals	37	34	.....	.....	.....	3

STABLE SERVICE OF THE DEPARTMENT.

Table 22 shows the statistics of the Department Stables, which include the ambulance and disinfection services of the Department.

TABLE 22.

Department Stables—Six Months Ending June 30, 1907.

	New York	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Cases removed to hospitals	4,147	1,776	1,692	599	2	78
Bodies removed to morgue	240	20	220	....	....	....
Number of times ambulances and other vehicles disinfected	3,049	1,319	1,069	588	....	73

Department Stables—Six Months Ending December 30, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Ambulance Drivers—						
Cases removed to hospitals.....	3,206	1,295	1,367	470	....	74
Bodies removed to morgue	59	43	16	....	....	....
Other visits made.....	2,033	223	1,773	32	....	5
Total visits.....	5,298	1,561	3,156	502	....	79
Number of times ambulances and other vehicles disinfected....	2,408	946	928	468	...	66
Goods Wagon Drivers—						
Visits, infected goods removed....	12,787	5,825	4,960	1,370	447	185
Visits, disinfected goods returned..	11,283	5,333	4,336	1,122	321	171
Other visits made.....	1,028	626	127	12	36	227
Total visits.....	25,098	11,784	9,423	2,504	804	583
Stable Service—						
*Average number of horses cared for.....	57	15	19	10	10	3
For ambulances and goods wagons.	50	14	18	8	7	3
For executive officials.....	7	1	1	2	3	....

* Average of those under care on the first of each month.

B.—DIVISION OF INSPECTIONS.

General Sanitary Inspection—The following tables show the statistics of the work of general sanitary inspection during the year under review:

TABLE 23.

Character of Premises Inspected by Sanitary Inspectors and Sanitary Police—Six Months Ending June 30, 1907.

Character of Premises Inspected.	New York.		Manhattan.		Brooklyn.		The Bronx.		Queens.		Richmond.	
	Sanitary Inspectors.	Sanitary Police.	Sanitary Inspectors.	Sanitary Police.	Sanitary Inspectors.	Sanitary Police.	Sanitary Inspectors.	Sanitary Police.	Sanitary Inspectors.	Sanitary Police.	Sanitary Inspectors.	Sanitary Police.
Number of tenement-houses	7,411	31,545	4,460	26,532	1,294	2,745	316	2,120	1,229	28	112	120
" lodging-houses	608	395	293	324	228	71	1	.....	.....	.....	86	.....
" private dwellings	16,456	19,471	1,930	8,937	5,061	4,088	1,273	1,949	4,473	1,777	3,719	2,720
" mercantile establishments	18,934	2,167	15,804	278	2,103	1,711	140	68	460	99	427	11
" manufactories and workshops	6,027	5,127	4,666	3,757	1,134	1,256	20	68	59	13	148	33
" stables	6,748	10,331	2,313	6,327	1,881	2,484	912	661	1,415	127	227	732
" manure dumps	.....	4,506	.....	2,827	.....	1,056	.....	145	.....	.....	.....	478
" sunken and vacant lots	2,699	6,122	1,057	2,229	151	2,251	116	736	421	789	954	117
" miscellaneous	35,106	93,150	23,373	63,497	7,555	24,300	152	606	2,690	2,056	1,336	2,691
Total	93,989	172,814	53,896	114,708	19,407	39,962	2,930	6,353	10,747	4,889	7,009	6,902

TABLE 24.

General Sanitary Inspection—Number and Nature of Items Investigated on Citizens' and Inspectors' Complaints and Action Taken—Six Months Ending December 31, 1907.

NEW YORK

Nature of Complaints.	*Number of Items Investigated.	Valid and Returned for Orders or Notices.	Duplicates.	†No Cause for Action.	Referred to Other Departments.	Inspectors.	Sanitary Police.
Alleys, Areas, Shafts, Yards need cleaning, draining or paving	5,731	2,256	85	2,976	414	2,751	2,980
Animals kept without permit	2,023	1,318	71	614	20	1,150	873
Apartments need cleaning or ventilating	1,310	22	1,359	108	2,041	758	2,799
Barber shops do not comply with rules and regulations	1,517	1,447	3	52	15	1,513	4
Ceilings or walls need cleaning, whitewashing or repairing	4,428	2,027	59	2,159	183	3,377	1,051
Cellars need cleaning, cementing or draining	2,598	968	34	1,283	313	1,773	825
Cellars inhabited contrary to law, or apartments overcrowded	459	191	3	228	37	368	91
Cesspools need cleaning or repairing	1,544	1,281	51	150	62	1,513	31
Chimneys need cleaning or repairing	328	94	9	211	14	277	51
Defective drainage	1,450	954	44	318	134	1,388	62
Excavations or vacant lots need cleaning, draining, repairing or fencing	1,539	751	171	487	130	557	982
Floors need cleaning or repairing	3,844	1,590	47	2,125	82	2,527	1,317
Gas mains or pipes need repairing	176	54		106	15	164	12

Garbage or ash receptacles need to be provided, removed or cleaned	2,593	1,385	62	1,068	78	929	1,664
Halls or stairways need cleaning or repairing	1,915	646	17	1,133	119	1,112	803
Ice boxes need cleaning or draining	643	446	12	180	5	555	88
Lighting needed in dark halls or rooms	211	53	2	127	29	167	44
Manure dumps	220	196	4	17	3	206	14
Offensive trades	2,672	1,182	38	1,384	68	1,444	1,228
Plumbing needs cleaning, repairing, trapping or removal of obstructions	6,229	3,688	97	2,024	420	6,022	207
Privies need cleaning, disinfecting or repairing	1,648	1,403	34	133	78	1,598	50
Roofs or roof drains need cleaning or repairing	2,059	1,026	34	886	113	1,425	634
Smoke nuisance	736	392	37	277	30	644	92
Stables should be cleaued, repaired, drained or removed	1,559	1,170	55	287	47	1,311	248
Water closets need cleaning, repairing, or to be provided	3,658	1,823	54	1,276	505	3,375	283
Water tanks or cisterns need cleaning or repairing	790	423	10	311	46	589	201
Total	53,369	28,074	1,056	21,171	3,068	38,776	14,593

* By both citizens and inspectors.

† Either no cause for complaint or cause of complaint removed without issuance of notice.

TABLE 24.—(*Continued.*)

MANHATTAN.

Nature of Complaints.	*Number of Items Investigated.	Valid and Returned for Orders or Notices.	Duplicates.	†No cause for Action.	Referred to Other Departments.	Inspectors.	Sanitary Police.
Alleys / Areas / Shafts / Yards need cleaning / draining / or / paving	3,341	1,169	52	1,945	175	1,577	1,764
Animals kept without permit	609	268	11	327	3	121	488
Apartments need cleaning or ventilating	1,718	557	13	1,093	55	1,048	670
Barber shops do not comply with rules and regulations	1,002	983	3	16	....	999	3
Ceilings or walls need cleaning, whitewashing or repairing	3,659	1,435	34	2,067	123	2,728	931
Cellars need cleaning, cementing or draining	1,787	610	22	1,056	99	1,103	684
Cellars inhabited contrary to law, or apartments overcrowded	280	67	2	195	16	220	60
Cesspools need cleaning or repairing	59	24	4	23	8	49	10
Chimneys need cleaning or repairing	278	56	9	202	11	233	45
Defective drainage	416	189	5	206	16	407	9
Excavations or vacant lots need cleaning, draining, repairing or fencing	567	343	40	131	53	145	422
Floors need cleaning or repairing	3,280	1,120	31	2,071	58	2,096	1,184
Gas mains or pipes need repairing	154	44	....	102	8	142	12
Garbage or ash receptacles need to be provided, removed or cleaned	1,790	804	53	907	26	591	1,199
Halls or stairways need cleaning or repairing	1,740	569	13	1,095	63	970	770
Ice boxes need cleaning or draining	551	381	2	166	2	467	84
Lighting needed in dark halls or rooms	190	46	2	118	24	153	37

Manure dumps	6	4	....	2	....	....	6
Offensive trades	1,604	679	22	871	32	857	747
Plumbing needs cleaning, repairing, trapping or removal of obstructions	3,470	1,797	45	1,502	126	3,344	126
Privies need cleaning, disinfecting or repairing	117	52	....	52	13	89	28
Roofs or roof drains need cleaning or repairing	1,582	672	27	834	49	992	590
Smoke nuisance	506	289	33	170	14	463	43
Stables should be cleaned, repaired, drained or removed	563	380	26	148	9	488	75
Water closets need cleaning, repairing or to be provided	2,182	1,087	35	902	158	1,935	247
Water tanks or cisterns need cleaning or repairing	646	307	8	294	37	472	174
Total	32,097	13,932	492	16,495	1,178	21,689	10,408

* By both citizens and inspectors.

† Either no cause for complaint or cause of complaint removed without issuance of notice.

TABLE 24.—(*Continued.*)

BROOKLYN.

Nature of Complaints.	*Number of Items Investigated.	Valid and Returned for Orders or Notices.	Duplicates.	†No Cause for Action.	Referred to Other Departments.	Inspectors.	Sanitary Police.
Alleys, Areas, Shafts, Yards need cleaning, draining or paving	1,517	576	6	807	128	593	924
Animals kept without permit	118	54	1	61	2	48	70
Apartments need cleaning or ventilating	617	414	4	169	30	593	24
Barber shops do not comply with rules and regulations	426	382	.....	34	10	425	1
Ceilings or walls need cleaning, whitewashing or repairing	253	180	1	42	30	230	23
Cellars need cleaning, cementing or draining	553	237	4	132	180	490	63
Cellars inhabited contrary to law, or apartments overcrowded	110	91	.....	13	6	99	11
Cesspools need cleaning or repairing	92	56	1	25	10	87	5
Chimneys need cleaning or repairing	31	23	.....	7	1	26	5
Defective drainage	142	68	1	17	56	142	.....
Excavations or vacant lots need cleaning, draining, repairing or fencing	252	89	3	141	19	43	209
Floors need cleaning or repairing	210	189	.....	20	1	184	26
Gas mains or pipes need repairing	13	4	.....	3	6	13	.....
Garbage or ash receptacles need to be provided, removed or cleaned	414	284	2	99	29	215	199
Halls or stairways need cleaning or repairing	104	58	1	11	34	102	2
Ice-boxes need cleaning or draining	32	30	.....	1	1	30	2

Lighting needed in dark halls or rooms	11	4	.....	5	2	11	.....
Manure dumps	16	14	.....	1	1	14	2
Offensive trades	313	42	4	243	24	102	211
Plumbing needs cleaning, repairing, trapping or removal of obstructions	1,553	924	12	407	210	1,532	21
Privies need cleaning, disinfection or repairing	120	84	2	15	19	115	5
Roofs or roof drains need cleaning or repairing	334	245	5	35	49	308	26
Smoke nuisance	138	71	3	54	10	132	6
Stables should be cleaned, repaired, drained or removed	432	306	7	90	29	349	83
Water closet apartments need cleaning, repairing or to be provided	1,131	514	9	315	293	1,117	14
Water tanks or cisterns need cleaning or repairing	10	6	.....	3	1	8	2
Total	8,942	4,945	66	2 750	1,181	7,008	1,934

* By both citizens and inspectors. † Either no cause for complaint or cause of complaint removed without issuance of notice.

TABLE 24.—(*Continued.*)

BRONX.

Nature of Complaints.	*Number of Items Investigated.	Valid and Returned for Orders or Notices.	Duplicates.	† No Cause for Action.	Referred to Other Departments.	Inspectors.	Sanitary Police.
Alleys / Areas / Shafts / Yards need cleaning / draining / or / paving	492	203	21	185	83	203	289
Animals kept without permit	415	254	23	129	9	115	300
Apartments need cleaning or ventilating	215	156	2	47	10	151	64
Barber shops do not comply with rules and regulations	29	28		1	....	29	....
Ceilings or walls need cleaning, whitewashing or repairing	268	213	3	31	21	171	97
Cellars need cleaning, cementing or draining	191	70	8	83	30	113	78
Cellars inhabited contrary to law, or apartments overcrowded	31	7	1	13	10	11	20
Cesspools need cleaning or repairing	223	186	16	17	4	216	7
Chimneys need cleaning or repairing	8	5	....	2	1	7	1
Defective Drainage	164	87	14	37	26	141	23
Excavations or vacant lots need cleaning, draining, repairing or fencing	474	176	119	162	17	131	343
Floors need cleaning or repairing	262	213	1	26	22	155	107
Gas mains or pipes need repairing	3	1	...	1	1	3	....
Garbage or ash receptacles need to be provided, removed or cleaned	82	33	6	32	11	21	61
Halls or stairways need cleaning or repairing	57	8	3	26	20	26	31
Ice-boxes need cleaning or draining	6	4	....	...	2	4	2
Lighting needed in dark halls or rooms	7	....	....	4	3	...	7

Manure dumps	8	1	....	5	2	3	5
Offensive trades	702	434	12	247	9	433	269
Plumbing needs cleaning, repairing, trapping or removal of obstructions	379	223	22	77	57	320	59
Privies need cleaning, disinfecting or repairing	132	114	3	9	6	122	10
Roofs or roof drains need cleaning or repairing	90	59	2	14	15	72	18
Smoke nuisance	58	18	1	34	5	15	43
Stables should be cleaned, repaired, drained or removed	209	160	15	31	3	125	84
Water closet apartments need cleaning, repairing or to be provided	200	106	9	46	39	178	22
Water tanks or cisterns need cleaning or repairing	23	5	1	10	7	15	8
Total	4,728	2,764	282	1,269	413	2,780	1,948

* By both citizens and inspectors.

† Either no cause of complaint or cause of complaint removed without issuance of notice.

TABLE 24.—(*Continued.*)

QUEENS.

Nature of Complaints.	*Number of Items Investigated.	Valid and Returned for Orders or Notices.	Duplicates.	†No Cause for Action.	Referred to Other Departments.	Inspectors.	Sanitary Police.
Alleys / Areas / Shafts / Yards need draining / cleaning / or / paving	108	60	2	25	21	108	....
Animals kept without permit	386	291	22	68	5	386	....
Apartments need cleaning or ventilating	240	177	3	48	12	240	....
Barber shops do not comply with rules and regulations	60	54	....	1	5	60	....
Ceilings or walls need cleaning, whitewashing or repairing	54	47	1	4	2	54	....
Cellars need cleaning, cementing or draining	41	28	....	10	3	41	....
Cellars inhabited contrary to law, or apartments overcrowded	12	3	....	5	4	12	....
Cesspools need cleaning or repairing	474	349	23	66	36	474	....
Chimneys need cleaning or repairing	10	9	....	....	1	10	....
Defective drainage	131	98	4	15	14	131	....
Excavations or vacant lots need cleaning, draining, repairing or fencing	152	85	5	34	28	152	....
Floors need cleaning or repairing	4	4	....	....	....	4	
Gas mains or pipes need repairing	6	5	1	....	....	6	....
Garbage or ash receptacles need to be provided, removed or cleaned	65	32	....	22	11	65	....
Halls or stairways need cleaning or repairing	2	....	....	1	1	2	....
Ice-boxes need cleaning or draining	5	4	....	1	....	5	..

Lighting needed in dark halls or rooms	1	1	....	....	....	1	....
Manure dumps	90	81	3	6	....	90	....
Offensive trades	26	11	....	15	...	26	....
Plumbing needs cleaning, repairing, trapping, or removal of obstructions	198	177	2	10	9	198	....
Privies need cleaning, disinfecting or repairing	258	195	8	34	21	258	....
Roofs or roof drains need cleaning or repairing	21	18	....	3	....	21	....
Smoke nuisance	14	7	....	6	1	14	....
Stables should be cleaned, repaired, drained or removed	138	120	5	10	3	138	....
Water closet apartments need cleaning, repairing or to be provided	75	59	....	9	7	75	....
Water tanks or cisterns need cleaning or repairing	15	11	....	3	1	15	....
Total	2,586	1,926	79	396	185	2,586	....

° By both citizens and inspectors.

† Either no cause for complaint or cause of complaint removed without issuance of notice.

TABLE 24.—(*Continued.*)

RICH MOND.

Nature of Complaints.	*Number of Items Investigated.	Valid and Returned for Orders or Notices.	Duplicates.	†No Cause for Action.	Referred to Other Departments.	Inspectors.	Sanitary Police.
Alleys / Areas / Shafts / Yards need cleaning / draining / or / paving	273	248	4	14	7	270	3
Animals kept without permit	495	451	14	29	1	480	15
Apartments need cleaning or ventilating	9	6	....	2	1	9	....
Ceilings or walls need cleening, whitewashing or repairing	194	152	20	15	7	194	....
Cellars and cleaning, cementing or draining	26	23	....	2	1	26	....
Cellars inhabited contrary to law, or apartments overcrowded	26	23	....	2	1	26	....
Cesspools need cleaning or repairing	696	666	7	19	4	687	9
Chimneys need cleaning or repairing	1	1	....	....	....	1	....
Defective drainage	597	512	20	43	22	567	30
Excavations or vacant lots need cleaning, draining, repairing or fencing	94	58	4	19	13	86	8
Floors need cleaning or repairing	88	64	15	8	1	88	...
Gas mains or pipes need repairing	....	....	....	....	....	....	....
Garbage or ash receptacles need to be provided, removed or cleaned	242	232	1	8	1	37	205
Halls or stairways need cleaning or repairing	12	11	....	....	1	12	....
Ice-boxes need cleaning or draining	49	27	10	12	....	49	....
Lighting needed in dark halls or rooms	2	2	....	....		2	....

Manure dumps	100	96	1	3	....	99	1
Offensive trades	27	16	....	8	3	26	1
Plumbing needs cleaning, repairing, trapping or removal of obstructions	629	567	16	28	18	628	1
Privies need cleaning, disinfecting or repairing	1,021	958	21	23	19	1,014	7
Roofs or roof drains need cleaning or repairing	32	32	....	...	....	32	....
Smoke nuisance	20	7	....	13	....	20	....
Stables should be cleaned, repaired, drained or removed	217	204	2	8	3	211	6
Watercloset apartments need cleaning, repairing or to be provided	70	57	1	4	8	70	....
Water tanks or cisterns need cleaning or repairing	96	94	1	1	....	79	17
Total	5,016	4,507	137	261	111	4,713	303

* By both citizens and inspectors.

† Either no cause for complaint or cause of complaint removed without issuance of notice.

TABLE 25.

General Sanitary Inspection—Notices and Orders Disposed of During Six Months Ending December 31, 1907.

	Notices and Orders Disposed during last 6 months of 1907.	Disposed of Within 30 Days.		Disposed of Within 60 Days.		Not Disposed of Within 60 Days.	
		No.	Per Cent.	No.	Per Cent.	No.	Per Cent.
New York	17.042	5,193	30.47	4,760	27.73	7,089	41.60
Manhattan	8,487	2,106	24.81	3,244	38.22	3,137	36.96
Brooklyn	3,908	1,275	32.63	505	12.92	2,128	54.45
Bronx	1,539	993	64.52	302	19.62	244	15.86
Queens	1,599	594	37.14	328	20.51	677	42.34
Richmond	1,509	225	14.91	381	25.25	903	59.84

TABLE 26.

General Sanitary Inspection—Notices and Orders Pending December 31, 1907, and When Issued.

	New York.		Manhattan.		Brooklyn.		The Bronx.		Queens.		Richmond.	
	No.	Per Cent. of Total.	No.	Per Cent. of Total.	No.	Per Cent. of Total.	No.	Per Cent. of Total.	No.	Per Cent. of Total.	No.	Per Cent. of Total.
Notices and orders pending December 31, 1907	3,379	100	629	100	453	100	531	100	388	100	1,378	100
Number first issued in December, 1907	1,283	37.97	574	91.25	189	41.72	328	61.77	130	33.50	62	4.50
November	522	15.45	47	7.47	107	23.62	113	21.28	83	21.39	172	12.48
October	475	14.05	8	1.27	44	9.71	21	3.95	58	14.95	344	24.96
September	342	10.12	.....	.....	17	3.75	11	2.07	32	8.25	282	20.46
August	326	9.65	.....	.....	21	4.63	13	2.45	31	7.99	261	18.94
July	170	5.03	.....	.....	15	3.31	4	.75	15	3.87	136	9.86
June	68	2.01	.....	.....	10	2.21	7	1.32	12	3.09	39	2.83
May	61	1.80	.....	.....	20	4.41	2	.37	3	.77	36	2.61
April	31	.91	.....	.....	14	3.09	7	1.32	4	1.03	6	.43
March	14	.41	.....	.....	3	.66	6	1.13	1	.26	4	.29
February	3	.09	.....	.....	1	.22	1	.19	.....	.....	1	.07
January	7	.21	.....	.....	3	.66	1	.19	1	.26	2	.14
Total	3,302	97.72	629	100	444	98.00	514	96.79	370	95.36	1,345	97.60
Year 1906	54	1.59	.....	.....	9	1.99	16	3.02	18	4.64	11	.79
Year 1905	6	.18	.....	.....	.....	.....	.....	.....	.....	.....	6	.43
Year 1904	4	.12	.....	.....	.....	.....	1	.19	.....	.....	3	.21
Year 1903	10	.29	.....	.....	.....	.....	.....	.....	.....	.....	10	.72
Year 1902	3	.09	.....	.....	.....	.....	.....	.....	.....	.....	3	.21

TABLE 27.

The following tabulated statement and summary shows the date, location, cause of action and the result of vacation of premises by the Board of Health, in compliance with the requirements of Sections 1176 and 1199 of the Laws of 1901:

Borough of Manhattan.

No.	Date.	Location.	Cause.	Result.
				1907.
1	Jan. 2	1-3 Hancock street	Public nuisance	Complied Jan. 8.
2	" 16	2493 Second avenue	"	" " 22.
3	" 16	215 East One Hundred and Twenty-sixth street	Defective plumbing	" " 21.
4	" 16	106 East One Hundred and Tenth street	"	" Feb. 1.
5	" 23	2412 First avenue	Public nuisance	" " 9.
6	" 23	249 East One Hundred and Twenty-seventh street	"	" Mar. 6.
7	" 23	1941 First avenue	"	" Jan. 29.
8	" 23	18 University place	Defective plumbing	" Feb. 15.
9	" 23	49 Sheriff street	"	" Mar. 4.
10	" 23	617-623 West Forty-seventh street	Public nuisance	" " 2.
11	" 30	313 East One Hundred and Sixth street	"	" Feb. 13.
12	" 30	412 East Twenty-third street	Defective plumbing	" Mar. 4.
13	" 30	555 West Broadway	"	" Feb. 7.
14	Feb. 6	501 West One Hundred and Sixty-first street	Public nuisance	" Mar. 5.
15	" 13	237 East One Hundred and Thirteenth street	"	" Feb. 16.
16	" 13	1997 Lexington avenue	"	" " 20.
17	" 13	229 East One Hundred and Eleventh street	"	" " 25.
18	" 13	171 East One Hundred and Tenth street	"	" " 19.
19	" 20	296 Second street	"	" Mar. 12.
20	" 20	610 East Eleventh street	"	" " 26.
21	" 20	438 East Eleventh street	"	" " 26.
22	" 20	355 East Fourth street	"	" " 1.
23	" 20	1397-9 Avenue A (front)	Defective plumbing	" May 11.
24	" 20	102 East One Hundred and Fourth street	Defective Drainage	" Mar. 27.
25	" 20	104 East One Hundred and Fourth street	"	" " 27.
26	" 20	106 East One Hundred and Fourth street	"	" " 27.
27	" 20	108 East One Hundred and Fourth street	"	" " 27.
28	" 20	110 East One Hundred and Fourth street	"	" " 27.
29	" 20	112 East One Hundred and Fourth street	"	" " 27.
30	" 20	130 East One Hundred and Twenty-eighth street	Defective plumbing	" June 8.

TABLE 27—(*Continued*).

No.	Date.	Location.	Cause.	Result.
				1907.
31	Feb. 20	204-16 East Eighty-second street	Public nuisance	Complied Apr. 10.
32	" 27	2392 Third avenue (Park Theatre)	"	" July 29.
33	" 27	182 East Houston street	"	" Mar. 5.
34	" 27	152 Avenue C	"	" Apr. 16.
35	" 27	331 East Eighth street	"	" Mar. 6.
36	" 27	325 East Twelfth street	"	" " 19.
37	" 27	504 " " "	"	" " 14.
38	" 27	610 " " "	"	" " 14.
39	" 27	5 West One Hundred and Thirty-seventh street	"	" " 26.
40	" 27	210 East Fifteenth street	Defective plumbing	" " 1.
41	" 27	264 West Forty-third street	"	" Apr. 16.
42	" 27	67 West Thirty-sixth street	"	" Mar 20.
43	Mar. 6	2095 First avenue (rear) (stable)	Public nuisance	" May 2.
44	" 6	2095 First avenue (front)	Defective plumbing	" " 2.
45	" 6	2095 First avenue (rear dwelling)	Defective plumbing	" " 2.
46	" 13	354 East Eighty-third street	Public nuisance	" Mar. 23.
47	" 13	1707 Third avenue	"	" " 19.
48	" 20	245½ East Eighty-seventh street	"	" Apr. 12.
49	" 20	214 West Forty-second street (New Amsterdam Theatre)	Defective construction	" Dec. 9.
50	" 20	442 Sixth avenue	Defective plumbing	" Apr. 29.
51	" 20	162 West Houston street	Public nuisance	" " 9.
52	" 20	47 Bedford street	"	" Aug. 26.
53	" 20	307 East Eighty-third street	"	" Mar. 22.
54	" 20	566 West Broadway	Defective drainage	" July 5.
55	" 20	232 Second street	Public nuisance	" Apr. 2.
56	" 20	250 Second street	"	" " 18.
57	" 20	North west corner Sixty-fourth street and Central Park West	"	" May 20.
58	" 20	329 West Fifty-fifth street	Defective drainage and defective plumbing	" Mar. 29.
59	" 20	36 West Eighteenth street	Defective drainage	" Apr. 2.
60	" 20	4-6 West Third street	Defective plumbing	" Mar. 26.
61	" 27	1585 Second avenue	Public nuisance	" Apr. 2.
62	" 27	1751 Avenue A	"	" " 15.
63	" 27	206 East Eighty-fifth street	"	" " 2.
64	" 27	69 East One Hundred and Sixth street	"	" " 2.
65	" 27	21 Hester street (front)	Defective drainage	" " 1.
66	" 27	21 Hester street (rear)	"	" " 1.

TABLE 27—(*Continued*).

No.	Date.	Location.	Cause.	Result.
				1907.
67	Mar. 27	331 Broome street	Defective drainage	Complied Apr. 1.
68	" 27	1649 First avenue	Public nuisance	" " 4.
69	" 27	1730 Park avenue	"	" " 23.
70	" 27	509-13 West Fiftieth street	"	" May 3.
71	Apr. 3	52 Avenue D	"	" Apr. 10.
72	" 3	417 West Broadway	"	" " 16.
73	" 3	1647 Second avenue	"	" " 9.
74	" 3	237 East One Hundred and Eighth street	"	" " 16.
75	" 3	2056 First avenue	"	" June 11.
76	" 3	400 East Eighty-second street	"	" Apr. 9.
77	" 3	417 East Twelfth street	"	" " 9.
78	" 10	105-107 Columbia street	Defective plumbing	" " 16.
79	May 1	124 Second street	Public nuisance	" May 18.
80	" 1	156 Second street	"	" " 10.
81	" 1	229 Second street	"	" " 15.
82	" 1	1356 Avenue A	"	" " 7.
83	" 1	1440 Avenue A	"	" " 10.
84	" 1	1353 Second avenue	"	" " 10.
85	" 1	177 East Seventy-fourth street	"	" " 4.
86	" 1	311 East One Hundred and Third Street	"	" June 11.
87	" 1	426 East Eighty-sixth street	"	" May 15.
88	" 1	305 West Sixty-ninth street	"	" " 10.
89	" 1	200 East Seventy-third street	"	" " 3.
90	" 1	130 East Third street	"	" " 10.
91	" 1	2551 Eighth avenue	"	" " 7.
92	" 1	1777 Third avenue	"	" " 7.
93	" 1	114 Second street	"	" " 11.
94	" 1	295 Mott street	"	" " 10.
95	" 1	401 East Eighth street	"	" " 28.
96	" 13	236 Third avenue	"	" " 31.
97	" 13	382 Third avenue	"	" June 1.
98	" 13	422 Third avenue	"	" May 16.
99	" 13	326 East Third street	"	" " 24.
100	" 13	219 East Seventy-third street	"	" June 8.
101	" 13	302 East Seventy-fourth street	"	" May 16.
102	" 13	200 East Twenty-fifth street	"	" " 31.
103	" 13	240 East Twenty-eighth street	"	" " 18.

TABLE 27—(*Continued*).

No.	Date.	Location.	Cause.	Result.
				1907.
104	May 13	309 East Twenty-eighth street	Public nuisance	Complied May 31.
105	" 13	243 East Twenty-ninth street.	"	" " 31.
106	" 13	507 West One Hundred and Forty-fifth street	"	" June 10.
107	" 13	413 Second avenue	"	" May 31.
108	" 13	469 Second avenue	"	" " 22.
109	" 13	483 Second avenue	"	" " 22.
110	" 13	512 Second avenue	"	" " 31.
111	" 13	345 Third avenue	"	" June 4.
112	" 13	363 Third avenue	"	" May 22.
113	" 22	478 West One Hundred and Sixty-fifth street	Defective plumbing	" Oct. 19.
114	" 22	94 Monroe street	"	" June 11.
115	" 22	311 Elizabeth street	Nuisance	" Sept. 26.
116	" 22	20 Bleecker street	Defective plumbing	" " 26.
117	" 22	22 Bleecker street	"	" " 4.
118	" 22	24 Bleecker street	"	" " 4.
119	" 22	474 West One Hundred and Sixty-fifth street	"	" Oct. 19.
120	" 22	476 West One Hundred and Sixty-fifth street	"	" " 19.
121	" 22	332 First avenue	Public nuisance	" June 4.
122	" 22	541 Fifth street	"	" " 4.
123	" 22	167 Lewis street	"	" July 3.
124	" 22	274 East Third street	"	" May 28.
125	" 22	65 East Fourth street	"	" June 17.
126	" 22	138 East Fourth street	"	" May 27.
127	" 22	87 Ridge street (front)	Defective drainage	" July 6.
128	" 22	87 Ridge street (middle)	"	" " 6
129	" 22	87 Ridge street (rear)	"	" " 6.
130	" 22	89 Ridge street (front)	"	" " 6.
131	" 22	89 Ridge street (middle)	"	" " 6.
132	" 22	89 Ridge street (rear)	"	" " 6.
133	" 28	347 Fifth street	Public nuisance	" June 18.
134	" 28	743-5 Fifth street	"	" " 4.
135	" 28	339 Sixth street	"	" " 4.
136	" 28	410 Sixth street	"	" " 18.
137	" 28	524 Sixth street	"	" " 4.
138	" 28	544 Sixth street	"	" " 4.
139	" 28	120 West Forty-first street	Defective plumbing	" " 12.
140	June 3	336 First avenue	Public nuisance	" " 19.

TABLE 27—(*Continued*).

No.	Date.	Location.	Cause.	Result.
				1907.
141	June 3	232 Avenue A	Public nuisance	Complied June 11.
142	" 3	447 Second avenue	"	" " 19.
143	" 3	850-2 Seventh avenue	"	" Sept. 11.
144	" 3	299 Mott street	"	" July 5.
145	" 3	613 Sixth street	"	" " 3.
146	" 3	433 East Fourteenth street	"	" June 11.
147	" 3	104 East One Hundred and Twenty-seventh street	Defective drainage	" " 18.
148	" 12	297 Avenue A	Public nuisance	" " 25.
149	" 12	311 Avenue A	"	" July 5.
150	" 12	463 Sixth avenue	"	" " 2.
151	" 12	407 East Fourteenth street	"	" June 19.
152	" 12	428 East Sixteenth street	"	" " 19.
153	" 12	420 East Eighteenth street	"	" July 31.
154	" 12	107 West Twenty-fourth street	"	" June 18.
155	" 12	102 West Twenty-sixth street	"	" " 18.
156	" 12	103 West Twenty-sixth street	"	" " 18.
157	" 12	49 West Twenty-ninth street	"	" " 18.
158	" 12	703 Sixth avenue	"	" July 3.
159	" 12	119 East Thirty-fourth street	Defective plumbing	" Aug. 8.
160	" 12	354 Seventh avenue	Public nuisance	" July 2.
161	" 12	348 Eighth avenue	"	" June 18.
162	" 12	354 Eighth avenue	"	" " 18.
163	" 12	472 Eighth avenue	"	" July 27.
164	" 12	284 Ninth avenue	"	" June 26.
165	" 12	315 Ninth avenue	"	" July 3.
166	" 12	326 Ninth avenue	"	" June 19.
167	" 12	425 Ninth avenue	"	" " 26.
168	" 12	179 Third street	"	" " 18.
169	" 12	235 East Fourth street	"	" " 18.
170	" 12	265 West Twenty-seventh street	"	" " 18.
171	" 12	2109 First avenue	"	" " 19.
172	" 12	339 East One Hundred and Eighth street	"	" " 19.
173	" 12	239 Ninth avenue	"	" " 19.
174	" 19	259 Avenue A	"	" July 3.
175	" 19	253 Tenth avenue	"	" " 5.
176	" 19	321 East One Hundred and Fifth street	"	" June 26.
177	" 19	429 West Twenty-sixth street	"	" July 5.

TABLE 27—(*Continued*).

No.	Date.	Location.	Cause.	Result.
				1907.
178	June 19	505 West Twenty-seventh street	Public nuisance	Complied July 26.
179	" 19	Northeast corner One Hundred and Thirty-first street and Old Broadway	"	" Sept. 9.
180	" 26	179 East Seventy-fifth street	"	" July 3.
181	" 26	124 Clinton street	Defective plumbing	" " 6.
182	" 26	145 East Fifty-sixth street	Defective drainage	" " 26.
183	" 26	300 East One Hundred and Second street	Public nuisance	" " 3.
184	July 3	523 Hudson street	"	" " 11.
185	" 3	715 Second avenue	"	" " 5.
186	" 3	582 Third avenue	"	" " 10.
187	" 3	203 East Thirty-sixth street	"	" " 26.
188	" 3	236 East Forty-second street	"	" " 10.
189	" 3	236 East Forty-sixth street	"	" " 13.
190	" 3	303 East Forty-sixth street	"	" " 22.
191	" 3	226 East One Hundred and Sixth street	"	" " 17.
192	" 12	418 First avenue	"	" " 15.
193	" 12	758 Second avenue	"	" " 15.
194	" 12	565 Third avenue	"	" " 22.
195	" 12	461 Fourth avenue	"	" " 16.
196	" 12	132 East Thirty-second street	"	" " 17.
197	" 12	200 East Thirty-ninth street	"	" " 23.
198	" 12	301 East Forty-fifth street	"	" " 23.
199	" 12	539½ Hudson street	"	" " 20.
200	" 12	395 First avenue	"	" " 27.
201	" 12	400 First avenue	"	" " 27.
202	" 12	406 First avenue	"	" " 31.
203	" 12	814 Second avenue	"	" " 22.
204	" 12	250 East Forty-third street	"	" " 24.
205	" 12	227 East One Hundred and Sixth street	"	" Aug. 5.
206	" 12	Sulzer's Harlem River Park, One Hundred and Twenty-sixth and One Hundred and Twenty-seventh streets and Second avenue	Defective construction	" Nov. 22.
207	" 12	633 First avenue	Public nuisance	" July 24.
208	" 12	661 First avenue	"	" " 23.
209	" 12	691 First avenue	"	" " 15.
210	" 12	201 East One Hundred and Tenth street	"	" Sept. 16.
211	" 24	183 East One Hundred and Fourth street	"	" July 27.
212	" 24	550 First avenue	"	" Aug. 10.

TABLE 27—(*Continued*).

No.	Date.	Location.	Cause.	Result.
				1907.
213	July 24	1846 Second avenue	Public nuisance	Complied Aug. 5.
214	" 24	1891 Third avenue	"	" July 27.
215	" 24	222 East Ninety-eighth street	"	" " 26.
216	" 24	251 East One Hundred and Fifth street	"	" " 27.
217	" 24	253 East One Hundred and Fifth street	"	" " 27.
218	" 24	126 Washington place	Defective plumbing	" Aug. 29.
219	" 24	207 East One Hundred and Sixth street	Public nuisance	" July 27.
220	" 24	385 Second avenue	"	" Sept. 12.
221	" 25	827 First avenue	"	" Aug. 6.
222	" 24	855 First avenue	"	" " 16.
223	" 24	833 First avenue	"	" " 10.
224	" 24	343-345 East One Hundredth street	"	" " 15.
225	" 24	42 Nassau street	"	" " 16.
226	" 24	45 West One Hundred and Twenty-fifth street	"	" Oct. 1.
227	" 31	222 East Twenty-sixth street	Defective plumbing	" Aug. 6.
228	" 31	316 East One Hundred and Fourth street	Public nuisance	" " 6.
229	" 31	304-306 West Forty-ninth street	"	" Oct. 9.
230	" 31	1885 First avenue	"	" Aug. 3.
231	" 31	215 Third avenue	Defective plumbing	" Oct. 7.
232	" 33	1774 Second avenue	Public nuisance	" Aug. 8.
233	" 31	1834 Second avenue	"	" " 6.
234	Aug. 7	509 East Sixteenth street	"	" Sept. 9.
235	" 7	28 East One Hundred and Thirty-fourth street	"	" " 18.
236	" 7	2164 Eighth avenue	"	" Aug. 9.
237	" 7	1903 Second avenue	"	" " 20.
238	" 7	303 East One Hundred and Eleventh street	"	" " 13.
239	" 7	313 East One Hundred and Twelfth street	"	" " 21.
240	" 7	302 East One Hundred and Sixteenth street	"	" Oct. 1.
241	" 7	283 West One Hundred ane Twenty-seventh street	"	" Aug. 13.
242	" 7	1748 First avenue	"	" " 13.
243	" 7	137 Seventh avenue	"	" " 13.
244	" 7	2358 Elghth avenue	"	" " 9.
245	" 14	400 Broome street	Nuisance	" " 28.
246	" 14	50 Cherry street	"	" Oct. 15.
247	" 14	393 Pearl street	Defective drainage	" Sept. 20.
248	" 14	317 East One Hundred and Eleventh street	Public nuisance	" Aug. 21.
249	" 14	249 Avenue B	"	" Sept. 9.

TABLE 27—(*Continued*).

No.	Date.	Location.	Cause.	Result.
				1907.
250	Aug. 14	23 Amsterdam avenue	Public nuisance	Complied Aug. 30.
251	" 14	73 Amsterdam avenue	"	" " 30.
252	" 14	582 Grand street	"	" Sept. 10.
253	" 14	345 East Ninety-second street	"	" Aug. 16.
254	" 14	460 West Fifty-second street	"	" " 30.
255	" 14	1999 Second avenue	"	" " 28.
256	" 14	1992 Second avenue	"	" " 20.
257	" 14	820 Seventh avenue	"	" " 17.
258	" 14	614 Ninth avenue	"	" " 17.
259	" 14	883 Tenth avenue	"	" " 21.
260	" 14	863 Tenth avenue	"	" " 21.
261	" 14	36 Lexington avenue	"	" Sept. 29.
262	" 14	476 Seventh avenue	"	" Aug. 17.
263	" 21	686 Eleventh avenue	"	" Sept. 4.
264	" 21	669 Eleventh avenue	"	" Aug. 23.
265	" 21	673 Eleventh avenue	"	" " 28.
266	" 21	658 Eleventh avenue	"	" Sept. 12.
267	" 21	22 Broome street	"	" " 6.
268	" 21	336 West Forty-second street	"	" " 17.
269	" 21	503 West Fifty-second street	"	" " 13.
270	" 21	791 Ninth avenue	"	" " 4.
271	" 21	526 Eighth avenue	"	" Aug. 27.
272	" 21	809 Ninth avenue	"	" " 23.
273	" 21	155 West Fifty-first street	"	" Sept. 5.
274	" 21	100 Suffolk street	"	" Aug. 28.
275	" 21	776 Seventh avenue	"	" Sept. 5.
276	" 21	826 Ninth avenue	"	" " 10.
277	" 21	1332 Amsterdam avenue	"	" " 3.
278	" 21	845 Ninth avenue	"	" " 10.
279	" 21	983 Columbus avenue	"	" Aug. 31.
280	" 21	716 Ninth avenue	"	" Sept. 4.
281	" 21	406 West Forty-ninth street	"	" Aug. 30.
282	" 21	487 Tenth avenue	"	" " 23.
283	" 21	645 East Ninth street	"	" " 28.
284	" 21	2137 Madison avenue	"	" Sept. 5.
285	" 21	440 Tenth avenue	"	" Aug. 24.
286	" 21	471 One Hundred and Fiftieth street	Nuisance	" Oct. 18.

TABLE 27—(*Continued*).

No.	Date	Location.	Cause.	Result.	
					1907.
287	Aug. 21	494 Pearl street	Nuisance	Complied	Sept. 18
288	" 21	477 Seventh avenue	Defective plumbing	"	" 25
289	" 21	109 West Twenty-seventh street	"	"	Aug. 31
290	" 21	515 West One Hundred and Sixty-seventh street	Nuisance	"	" 27
291	" 21	65 Montgomery street	Defective plumbing	"	" 26
292	" 21	417 West Forty-first street	Public nuisance	"	" 23
293	" 21	West One Hundred and Sixty-eighth street and Broadway	"	"	Sept. 18
294	" 21	2126 Second avenue	"	"	Aug. 27
295	" 21	250 West Forty-first street	"	"	Sept. 9
296	" 21	1957-9 First avenue	"	"	Aug. 24
297	" 21	208 West Thirty-fifth street	"	"	Sept. 12
298	" 21	2047 First avenue	"	"	Aug. 28
299	" 21	2134 First avenue	"	"	Sept. 7
300	" 21	2135 Second avenue	"	"	Aug, 24
301	" 28	W.S.Eighth avenue between One Hundred and Fifty-seventh and One Hundred and Fifty-ninth streets	"	"	Sept. 14
302	" 28	2016 Second avenue	"	"	" 5
303	" 28	326 East One Hundred and Ninth street	"	"	" 5
304	" 28	502 East Fourteenth street	"	"	" 9
305	" 28	1665 Third avenue	"	"	" 4
306	" 28	947 Columbus avenue	"	"	Aug. 31
307	" 28	237 West Forty-sixth street	"	"	Sept. 4
308	" 28	982 Columbus avenue	"	"	" 4
309	" 28	2060 Eighth avenue	"	"	" 7
310	" 28	28 East One Hundred and Fifth street	"	"	Aug. 31
311	" 28	66 East One Hundred and Second street	"	"	Sept. 7
312	" 28	75 East One Hundred and First street	"	"	" 7
313	" 28	330 East One Hundred and Ninth street	"	"	" 5
314	" 28	308 East One Hundred and Ninth Street	"	"	" 5
315	" 28	219 East Eighty-second street	Defective drainage	"	" 17
316	" 28	8 Wooster street	Defective drainage and plumbing	"	Nov. 27
317	" 28	215 Front street	Nuisance	"	Sept. 4
318	" 28	14 Dover street	Defective drainage and plumbing	"	" 29
319	" 28	48 West Thirty-fourth street	" " "	"	Oct. 1
320	" 28	345 East Twenty-fourth street	Public nuisance	"	Sept. 11
321	" 28	312 East Seventy-eighth street	"	"	Aug. 29
322	Sept. 4	128-30 Broome street	"	"	Sept. 11

TABLE 27—(*Continued*).

No.	Date.	Location.	Cause.	Result.
				1907.
323	Sept. 4	125 Hudson street	Public nuisance	Complied Sept. 11.
324	" 4	509 Ninth avenue	"	" " 9.
325	" 4	203 Spring street	"	" " 18.
326	" 4	63 Sullivan street	"	" " 17.
327	" 4	139 Sullivan street	"	" " 16.
328	" 4	326 East Thirty-ninth street	"	" " 24.
329	" 4	209 East Eighty-first street	"	" " 7.
330	" 4	299 East Seventy-third street	"	" " 11.
331	" 4	81 Walker street	Defective drainage	" " 13.
332	" 4	107 Norfolk street	Public nuisance	" " 11.
333	" 4	55 Spring street	"	" Oct. 18.
334	" 4	115 Norfolk street	"	" Sept. 30.
335	" 4	217 West Forty-sixth street	Defective drainage	Work progressing.
336	" 4	340 West Forty-first street	Public nuisance	Complied Sept. 9.
337	" 4	254 Rivington street	"	" " 17.
338	" 4	92 Pitt street	"	" " 11.
339	" 4	66 East One Hundred and Third street	"	" " 14.
340	" 4	51 Thompson street	"	" " 17.
341	" 4	87 Suffolk street	"	" " 17.
342	" 4	545 East Sixteenth street	"	" " 17.
343	" 4	73 Bowery	"	" " 14.
344	" 18	1413 Amsterdam avenue	"	" " 25.
345	" 18	57 Beach street	"	" Oct. 15.
346	" 18	379 Broome street	"	" " 7.
347	" 18	516 Canal street	"	" " 8.
348	" 18	124 Cedar street	"	" Sept. 29.
349	" 18	199 Chambers street	"	" " 29.
350	" 18	492 Tenth avenue	"	" " 26.
351	" 18	71 Thompson street	"	" Oct. 8.
352	" 18	179 East Ninety-sixth street	"	" Sept. 29.
353	" 18	202 East One Hundred and Fourth street	"	" " 24.
354	" 18	247 East One Hundred and Fourth street	"	" Oct. 15.
355	" 18	240 East One Hundred and Eighth street	"	" " 7.
356	" 18	199 East One Hundred and Ninth street	"	" Sept. 26.
357	" 18	359 East One Hundred and Twelfth street	"	" Oct. 19.
358	" 18	5 Washington street	"	" " 13.
359	" 18	321 East One Hundred and Seventeenth street	"	" Sept. 29.

TABLE 27—(*Continued*).

No.	Date.	Location.	Cause.	Result.
				1907.
360	Sept. 18	804 Eighth avenue	Public nuisance	Complied Sept. 26.
361	" 18	2268 Eighth avenue	"	" " 29.
362	" 18	154 Forsyth street	"	" " 25.
363	" 18	194 Franklin street	"	" Oct. 7.
364	" 18	47 Grand street	"	" Sept. 26.
365	" 18	235 Lafayette street	"	" Oct. 15.
366	" 18	97 Suffolk street	"	" Sept. 26.
367	" 18	177 Tenth avenue	"	" " 25.
368	" 18	1 Cleveland place	"	" Oct. 7.
369	" 18	31 Cleveland place	"	" " 9.
370	" 25	1661 Madison avenue	"	" " 1.
371	" 25	180 Mulberry street	"	" " 7.
372	" 25	1671 Third avenue	"	" Sept. 30.
373	" 25	641 East Ninth street	"	" Oct. 15.
374	" 25	255 East Thirty-third street	"	" " 7.
375	" 25	177 East Ninetieth street	"	" " 2.
376	" 25	180 East One Hundred and Second street	"	" " 15.
377	" 25	333 East One Hundred and Sixth street	"	" " 1.
378	" 25	185 East One Hundred and Twenty-third street	"	" " 9.
379	" 25	52 Water street	Nuisance	" " 18.
380	Oct. 9	100 Lewis street	Public nuisance	" " 18.
381	" 9	1917 Third avenue	"	" " 13.
382	" 9	789 Washington street	"	" " 15.
383	" 9	337 East Forty-seventh street	"	" Nov. 6.
384	" 9	104 East One Hundred and Nineteenth street	"	" Oct. 19.
385	" 9	113 East One Hundred and Twenty-ninth street	"	" " 18.
386	" 9	184 West Tenth street	"	" " 28.
387	" 9	455 West Forty-eighth street	"	" " 15.
388	" 16	15 Manhattan street	"	" " 21.
389	" 16	134 Third street	"	" Nov. 19.
390	" 16	143 Grand street	"	" Oct. 21.
391	" 16	139 Grand street	"	" " 21.
392	" 16	178 East One Hundred and Thirteenth street	"	" Nov. 6.
393	" 16	161 West Fifty-first street	"	" " 6.
394	" 16	24 Monroe street	"	" Oct. 25.
395	" 16	47 Market street	"	" " 28.
396	" 23	170-172 East One Hundred and Twenty-third street	"	" Nov. 20.

TABLE 27—(*Continued*).

No.	Date.	Location.	Cause.	Result.
				1907.
397	Oct. 23	28 Monroe street	Public nuisance	Complied Nov. 8.
398	" 23	29 Monroe street	"	" " 8.
399	" 23	26 West Houston street	Nuisance	" Oct. 29.
400	" 30	504 East Eleventh street	Public nuisance	" Nov. 18.
401	" 30	518 East Eleventh street	"	" " 8.
402	" 30	90 Oliver street	Defective plumbing and drainage	" Dec. 12.
403	" 30	98 Oliver street	"	" " 12.
404	" 30	639½ Hudson street	Defective plumbing	" Nov. 19.
405	Nov. 6	124 East Broadway	"	" " 27.
406	" 6	242 East One Hundred and Sixteenth street	Public nuisance	" " 24.
407	" 6	507 East Eleventh street	"	" " 15.
408	" 6	563 Eleventh avenue	"	" " 12.
409	" 6	2097 Second avenue	"	" " 19.
410	" 6	573 Washington street	"	" Dec. 5.
411	" 6	74 West street	"	" Nov. 15.
412	" 6	264 Broome street	Nuisance	" Dec. 1.
413	" 20	150 Clinton street	Public nuisance	" " 9.
414	" 20	465 West Forty-second street	"	" " 4
415	" 20	133 Baxter street	"	" " 26.
416	" 20	42 Delancey street	"	" Nov. 27.
417	" 20	106 Delancey street	"	" " 27.
418	" 20	160 Delancey street	"	" " 27.
419	" 20	172 Delancey street	"	" " 27.
420	" 20	192 Delancey street	"	" Dec. 3.
421	" 20	66 Forsyth street	"	" " 13.
422	" 20	104 Forsyth street	"	" " 2.
423	" 20	108 Forsyth street	"	" " 3.
424	" 20	422 Cherry street	Defective plumbing and drainage	50% of order complied with.
425	" 20	406 Canal street	Public nuisance	Complied Dec. 3.
426	" 20	35 Henry street	"	" Nov. 27.
427	" 20	186 Hester street	"	" " 27.
428	" 20	324 East Fifty-fourth street	"	" Dec. 5.
429	" 20	17 West Forty-second street	Defective plumbing and drainage	" " 30.
430	" 20	21 West Forty-second street	"	" " 27.
431	" 20	502 West Forty-fourth street	Public nuisance	" " 4.
432	" 20	168 West End avenue	"	" Nov. 27.
433	" 20	65 Market street	"	" Dec. 24.

TABLE 27—(*Continued*).

No.	Date.	Location.	Cause.	Result.
				1907.
434	Nov. 20	603 Amsterdam avenue	Public nuisance	Complied Nov. 27.
435	" 27	246-48 Cherry street	Defective plumbing	" Dec. 14.
436	" 27	193 Bowery	Public nuisance	" " 9.
437	" 27	139 Chrystie street	"	" " 13.
438	" 27	8 Delancey street	"	" " 9.
439	" 27	143 West Houston street	"	" " 13.
440	" 27	178 West Houston street	"	" " 27.
441	" 27	229 West Houston street	"	" " 18.
442	" 27	146 Spring street	"	" " 9.
443	" 27	26 Madison street	"	" " 4.
444	Dec. 5	2 Hamilton street	"	" " 24.
445	" 5	165 Hester street	"	" " 9.
446	" 5	6 Laurence street	"	" " 26.
447	" 5	368 West One Hundred and Twenty-sixth street	"	" " 31.
448	" 5	156-8 East Fifty-seventh street	"	" " 18.
449	" 11	356 West Thirty-eighth terest,	"	" " 26.
450	" 11	252 West Forty-seventh street.	"	" " 18
451	" 11	75 Allen street	"	" " 18.
452	" 11	37 Montgomery street	"	" " 17.
453	" 11	94 Allen street	"	" " 18.
454	" 11	51 East Houston street	"	" " 27.
455	" 11	66 Gouverneur street	"	Work progressing.
456	" 11	1206 Second avenue	"	Complied Dec. 17.
457	" 11	201 East Sixty-seventh street.	"	" " 17.
458	" 11	81 Bowery	"	Work progressing.
459	" 11	1227 First avenue	"	Complied Dec. 27.
460	" 11	1054 First avenue	"	" " 27.
461	" 11	1143 First avenue	"	" " 17.
462	" 18	307 West Fortieth street	"	Not complied with.
463	" 18	42 Allen street	"	Complied Dec. 26.
464	" 18	85 Attorney street	"	Work progressing.
465	" 18	84 Catharine street	"	Complied Dec. 26.
466	" 18	172 Clinton street	"	Work progressing.
467	" 18	187 Clinton strest	"	Complied Dec. 26.
468	" 18	284 Elizabeth street	"	Work progressing.
469	" 18	3 Essex street	"	" "
470	" 18	1267 First avenue	"	Complied Dec. 27.

TABLE 27—(*Continued*).

No.	Date.	Location.	Cause.	Result.
				1907.
471	Dec. 18	340 Fourth avenue	Public nuisance	Not complied with.
472	" 18	27 Madison street	"	Work progressing.
473	" 18	53 Orchard street	"	Complied Dec. 26.
474	" 18	102 St. Marks place	"	" " 24.
475	" 18	233 Third avenue	"	Work progressing.
476	" 18	456 West Thirty-seventh street	"	Complied Dec. 28.
477	" 18	143 Hester street	"	Work progressing.
478	" 18	1069 Second avenue	"	Complied Dec. 27.
479	" 23	356½ West Thirty-seventh street	"	Work progressing.
480	" 23	35 Allen street	"	Complied Dec 31.
481	" 23	283 Bleecker street	"	Work progressing.
482	" 23	210 Clinton street	"	" "
483	" 23	152 Park Row	"	Complied Dec. 31.
484	" 23	174 Park Row	"	Work progressing.
485	" 25	180 Park Row	"	" "
486	" 23	264 East Fourth street	"	Complied Dec. 31.
487	" 23	503 West Forty-first street	"	Work progressing.
488	" 23	138 Charlton street	"	" "
489	" 31	163 Delancy street	"	" "
490	" 31	496 Seventh avenue	"	Not complied with.
491	" 31	4 Chatham Square	"	Work progressing.
492	" 31	800 Lexington avenue	Defective drainage	" "

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No.	Date.	Location.	Cause.	Result.
				1007.
1	Jan. 16	92-94 Junius street	Public nuisance	Complied Dec. 27
2	" 16	761 Atlantic avenue	"	" May 13.
3	" 16	482 St. John's place	Defective drainage	" Jan. 29.
4	" 16	213 Richardson street	Defective plumbing	" Apr. 8.
5	" 16	455 Grand street	Defective drainage and plumbing	" Feb. 6.
6	Feb. 20	144-146 Thirty-sixth street	Public nuisance	" Nov. 11.
7	" 20	6 Halleck street	"	" " 2.
8	" 20	164 Centre street	"	" Oct. 28.
9	Mar. 6	466½ Seventh avenue	Defective drainage	" Apr. 11.
10	" 20	17 Columbia Heights	"	" June 4.

TABLE 27—(*Continued*).

No.	Date.	Location.	Cause.	Result.
				1907.
11	Mar. 20	Northeast corner Rutland road and East Ninety-third street	Public nuisance	Complied May 27.
12	" 20	West side Rochester avenue, 200 feet south East New York avenue	"	" Aug. 13.
13	Apr. 10	64 Reid avenue	Defective plumbing	" May 2.
14	" 10	70 Lorimer street	"	" Apr. 30.
15	" 10	133 Bayard street	Public nuisance and defective plumbing	" June 4.
16	May 1	176 Woodbine street	Defective drainage	" " 28.
17	" 1	66 Middagh street	"	" Dec. 13.
18	" 1	293 Clifton Place	Public nuisance	" June 24.
19	" 1	1717 Atlantic avenue	"	Vacated Dec. 27.
20	" 1	155 Greene street (front)	Defective drainage	Complied June 15.
21	" 1	155 Greene street (rear)	Public nuisance	" " 14.
22	" 1	101 Butler street (front)	Defective drainage	" Oct. 5.
23	" 1	101 Butler street (rear)	"	" " 5.
24	" 1	328 Gates avenue	Public nuisance	" June 11.
25	" 1	375 Baltic street	Defective drainage	Vacated Dec. 27.
26	" 13	25 Hinckley place	Public nuisance	Complied Sept. 27.
27	" 13	27 Hinckley place	"	" " 27.
28	" 13	101 Atlantic avenue	Defective plumbing	" July 27.
29	" 13	47 Bridge street	Defective drainage	" Aug. 5.
30	" 22	387 South Fifth street (front)	"	" June 12.
31	" 22	387 South Fifth street (rear)	"	" " 12.
32	" 22	689 Atlantic avenue	Defective plumbing	" Oct. 14.
33	" 22	74 Sands street	"	" Aug. 12.
34	" 22	1071 Fulton street	"	" " 6.
35	" 28	250-254 Bedford avenue	Defective drainage	" June 22.
36	" 28	177 Eagle street (front)	"	" July 16.
37	" 28	177 Eagle street (rear)	"	" " 16.
38	" 28	358 South Fourth street	"	" Sept. 6.
39	" 28	185 Atlantic avenue	"	" Juue 12.
40	" 28	420 Wallabout street	"	" July 15.
41	June 12	1621 Sixtieth street	"	" June 26.
42	" 12	East side West Twenty-sixth street, two houses south Railroad avenue	"	" " 28.
43	" 12	2924 West Second street	"	" July 8.
44	" 12	116 Walworth street	"	Work progressing.
45	" 12	91 Prospect street	Defective plumbing	80 per cent. of work complied with. Work progressing.

TABLE 27—(*Continued*).

No.	Date.	Location.	Cause.	Result.
				1907.
46	June 12	410 East New York avenue (rear)	Public nuisance	Complied Oct. 31
47	" 19	2846 West Twenty-third street	Defective drainage	" July 8.
48	" 19	2858 West Twenty-third street	"	" " 8.
49	" 19	2870 West Twenty-third street	"	" " 8.
50	" 19	2874 West Twenty-third street	"	" " 8.
51	" 19	580 Gates avenue	"	" Aug. 29.
52	" 19	47 Kent avenue (front)	"	" Sept. 5.
53	" 19	47 Kent avenue (rear)	"	" " 5.
54	" 19	326 Tompkins avenue	"	" Oct. 5.
55	" 19	150 West street	"	Vacated July 18.
56	" 19	Dixon place near York street	Public nuisance	Complied Sept. 12.
57	" 26	129 Schenectady avenue	Defective drainage	" July 24.
58	" 26	766 Park place	"	" Nov. 8.
59	July 12	637 Broadway	Defective plumbing	" Aug. 8.
60	" 12	173 Manhattan avenue (front)	Defective drainage	" Sept. 30.
61	" 12	61-03 Meserole street	Defective drainage and plumbing	" Aug. 2.
62	" 12	115 Leonard street	Defective drainage	Vacated Sept. 25.
63	" 12	14-16 Dunham place	Nuisance	Complied Sept. 16.
64	" 12	63 Jefferson street (rear)	Public nuisance	" " 16.
65	" 12	245 Metropolitan avenue, or 185 North Third street	"	" Oct. 5.
66	" 12	460 Baltic street (rear)	"	" Nov. 26.
67	" 12	93 Powell street	Defective drainage	" Sept. 26.
68	" 24	519 Hicks street	Public nuisance	" " 13.
69	" 24	551 Hicks street	"	" " 21.
70	" 24	914 Flushing avenue	"	" " 30.
71	" 24	1084 Flushing avenue	"	" Aug. 14.
72	" 24	1138 Flushing avenue	"	" " 14.
73	" 24	26 Boerum place	"	" " 20.
74	" 24	60 Ryerson street	"	" July 27.
75	" 24	123 Harrison street	"	" Oct. 9.
76	" 24	299 Hooper street	"	" " 19.
77	" 24	165 Court street	"	" " 16.
78	" 24	256 Jefferson street	"	" Sept. 26.
79	" 24	461 Bushwick avenue	"	" Aug. 26.
80	" 24	329 Evergreen avenue	"	" " 14.
81	" 24	242 York street	"	" " 19.
82	" 24	92 Myrtle avenue	"	" " 23.

TABLE 27—(*Continued*).

No.	Date.	Location.	Cause.	Result.
				1907.
83	July 24	212 Knickerbocker avenue....	Public nuisance	Complied Aug. 14.
84	" 24	39 Hudson avenue.....	"	" " 16.
85	" 24	215 Hudson avenue.....	"	" Oct. 24.
86	" 24	288 Hudson avenue.....	"	" Aug. 26.
87	" 24	293 Hudson avenue.....	"	" " 19.
88	" 24	S. W. Coney Island avenue and Turner place (rear)..	"	" Nov. 14.
89	" 24	103 Fleet place.....	Defective drainage.....	Vacant Sept. 25.
90	" 24	540 Coney Island avenue.....	"	Complied " 6.
91	" 24	510 Wythe avenue.....	Defective plumbing.....	Work progressing.
92	" 24	1060-2 Willoughby avenue....	Public nuisance.....	Not complied with.
93	" 24	252 Ocean parkway (rear).....	"	Vacated Aug. 27.
94	" 24	149 Metropolitan avenue.. ...	"	Complied " 16.
95	" 24	300 Bedford avenue.....	"	" " 1.
96	" 24	1911 Broadway.....	"	" Oct. 31.
97	" 24	1544 Gates avenue.....	"	" Aug. 14.
98	" 24	1054 Liberty avenue.....	"	" " 9.
99	" 24	292 Grand street	"	" Oct. 22.
100	" 24	324 Oakland street.....	"	" Sept 5.
101	" 24	256 Bond street	"	" " 17.
102	" 24	253 Hoyt street	"	" Aug. 29.
103	" 24	203 Roebling street	"	" " 16.
104	" 24	243-5 S. Second street.....	"	" " 17.
105	" 24	1478 Fulton street.....	"	" Sept. 25.
106	" 24	95 N. Sixth street.....	"	" Aug. 30.
107	" 24	2507 Atlantic avenue.....	"	" " 21.
108	" 24	260 Rockaway avenue.....	"	" " 30.
109	" 24	615 Liberty avenue.....	"	" Oct. 3.
110	" 24	174 Jamaica avenue.....	"	" Aug. 26.
111	" 24	169 Park avenue	"	" " 27.
112	" 24	2508 Pitkin avenue.....	"	" " 9.
113	" 24	745 Flatbush avenue.....	"	" Oct. 1.
114	" 24	940 Flushing avenue.....	"	" Aug. 17.
115	" 24	90 Boerum street (rear).....	"	" Oct. 25.
116	" 24	105 Berry street.....	"	" " 15.
117	" 24	75 Berry street.....	"	" Sept. 4.
118	" 24	201 Hamburg avenue.....	"	" July 31.
119	" 24	252 Hamburg avenue.....	"	" Aug. 14.

TABLE 27—(*Continued*).

No.	Date.	Location.	Cause.	Result.
				1907.
120	July 24	326 Hamburg avenue.....	Public nuisance	Complied July 31.
121	" 24	375 Hamburg avenue.....	"	" Aug. 14.
122	" 24	West side East Twenty-eighth street, north of Emmons avenue.....	Defective drainage.....	" Oct. 3.
123	" 24	Southwest corner Fourth avenue and Twenty-fourth street.....	"	Work progressing.
124	" 24	122 Havemeyer street.....	Public nuisance.....	Complied Oct. 22.
125	" 24	354 Grand street.....	"	" Aug. 17.
126	" 24	329 Glenmore avenue.....	"	" " 24.
127	" 24	415 Evergreen avenue	"	" " 22.
128	" 24	254 Wyckoff avenue.....	"	" " 23.
129	" 24	764 Metropolitan avenue.....	"	" " 16.
130	" 24	635 Metropolitan avenue.....	"	" " 15.
131	" 24	549 Metropolitan avenue.....	"	" " 15.
132	" 24	57-59 Morgan avenue.....	"	" Dec. 31.
133	" 24	415 Wythe avenue.....	"	" Sept. 7.
134	" 24	72 South Eighth street.....	"	" Aug. 16.
135	" 24	82 Broadway.....	"	" " 16.
136	" 24	45 South Eighth street.....	"	" " 14.
137	" 24	233 Thirty-seventh street.....	Defective plumbing.....	" " 12.
138	" 24	508 Coney Island avenue (front).....	Defective drainage.....	" " 31.
139	" 24	508 Coney Island avenue (rear)	Public nuisance	" " 31.
140	" 24	1652 Fulton street	"	" Sept. 14.
141	" 24	116 Van Brunt street.....	"	" Aug. 16.
142	" 24	329 Henry street.....	"	" " 1.
143	" 24	106 Bedford avenue.....	"	" " 9.
144	" 24	136 Gold street.....	"	" " 15.
145	" 24	3 Withers street.....	"	" Sept. 13.
146	" 24	556 Driggs avenue.....	"	" Aug. 20.
147	" 24	9 Withers street.....	"	" Sept. 13.
148	" 24	112 Wythe avenue.....	"	" Aug. 14.
149	" 24	1421 Myrtle avenue.....	"	" " 16.
150	" 24	109 Van Brunt street.....	"	" " 12.
151	" 24	120 Sackett street.....	"	" " 9.
152	" 24	259 Kent avenue.....	"	" " 16.
153	" 24	104 Atlantic avenue.....	"	" " 12.
154	" 24	151 Central avenue.....	"	" " 14.
155	" 24	188 Greenpoint avenue.....	"	" " 17.

TABLE 27—(*Continued*).

No.	Date.	Location.	Cause.	Result.
				1907.
156	July 24	116 Bedford avenue	Public nuisance	Complied Aug. 16.
157	" 24	384 Grand street	"	" " 17.
158	" 24	127 Gold street	"	" Nov. 20.
159	" 24	168 Watkins street	"	" Oct. 9.
160	" 24	77 Park avenue	"	" Sept. 21.
161	" 24	207 Bedford ayenue	"	" Aug. 9.
162	" 24	111 Osborn street	"	" " 23.
163	" 24	316 Stone street	"	" Sept. 4.
164	" 24	189 Gold street	"	" Aug. 26.
165	" 24	282 Sackman street	"	" Dec. 5.
166	" 31	178 Navy street	"	" Oct. 15.
167	" 31	3 Eldert street	"	" Aug. 28.
168	" 31	145 Union street	"	" " 27.
169	" 31	121 Liberty avenue	"	" " 26.
170	" 31	158 Bedford avenue	"	" " 10.
171	" 31	127 Kent avenue	"	" Sept. 6.
172	" 31	102 Wythe avenue	"	" Aug. 10.
173	" 31	1301 Myrtle avenue	"	" " 27.
174	" 31	264 Atlantic avenue	"	" Oct. 5.
175	" 31	23 Hamburg avenue	"	" Aug. 28.
176	" 31	412 Warren street	"	" Sept. 24.
177	" 31	134 Third avenue	"	" Aug. 26.
178	" 31	89 Nelson street	"	" Sept. 17.
179	" 31	199 Tillary street	"	" " 19.
180	" 31	150 Sackett street	"	" Aug. 14.
181	" 31	311 Smith street	"	" " 9.
182	" 31	293 South Fourth street	"	" Sept. 18.
183	" 31	674 Third avenue	"	" Aug. 22.
184	" 31	865 Third avenue	"	" " 22.
185	" 31	806 Fifth avenue	"	" " 22.
186	" 31	595 Fourth avenue	"	" " 16.
187	" 31	748 Third avenue	"	" " 16.
188	" 31	77 Wyona street	"	" " 8.
189	" 31	214 Wyckoff avenue	"	" " 15.
190	" 31	1096 Manhattan avenue	"	" " 23.
191	" 31	223 Columbia street	"	" " 14.
192	" 31	257 Wyckoff avenue	"	" " 20.

TABLE 27—(*Continued*).

No.	Date.	Location.	Cause.	Result.
				1907.
193	July 31	78 President street	Public nuisance	Complied Oct. 3.
194	" 31	477 Hicks street	"	" Aug. 28.
195	" 31	194 Court street	"	" " 27.
196	" 31	2180 Fulton street	"	" " 10.
197	" 31	16 President street	"	" Sept. 5.
198	" 31	256 Bond street	"	" " 19.
199	" 31	554 Court street	"	" Aug. 23.
200	" 31	279 Lorimer street	"	" " 27.
201	" 31	84 Rockaway avenue	"	" " 7.
202	" 31	22 Flushing avenue	"	" Sept. 14.
203	" 31	51 President street	"	" " 17.
204	" 31	79 President street	"	" " 4.
205	" 31	138 Fulton street	"	" " 5.
206	" 31	371 Fifth avenue	"	" Aug. 26.
207	" 31	187 Washington street	"	" " 16.
208	" 31	149 Bridge street	"	" Oct. 19
209	" 31	231 Hamilton avenue	"	" Sept. 17.
210	" 31	133 Melrose street	"	" Aug. 15.
211	" 31	563 Henry street	"	" " 26.
212	" 31	357 Central avenue	"	" " 28.
213	" 31	347 Central avenue	"	" " 15
214	" 31	314 Central avenue	"	" " 22.
215	" 31	357 Smith street	"	" Sept. 17.
216	" 31	151 Smith street	"	" Aug. 20.
217	" 31	1434 Gates avenue	"	" " 14.
218	" 31	368 Hicks street	"	" Oct. 8.
219	" 31	92 Kent avenue	"	" Sept. 27
220	" 31	880 Blake avenue	"	" Aug. 23.
221	" 31	45½ Jamaica avenue	"	" Sept. 20.
222	" 31	637 Third avenue	"	" " 6.
223	" 31	10 Union avenue	"	" Nov. 23.
224	" 31	199 Fifth avenue	"	" Aug. 31.
225	" 31	291 Fifth avenue	"	" " 26.
226	" 31	760 Gates avenue	"	" " 26.
227	" 31	358 Knickerbocker avenue	"	" " 15.
228	" 31	147 Watkins street	"	" Sept. 4.
229	" 31	140 Osborne street	"	" Aug. 23.

TABLE 27—(*Continued*).

No.	Date.	Location.	Cause.	Result.
				1907.
230	July 31	739 Fifth avenue	Public nuisance	Complied Aug. 15.
231	" 31	619 Broadway	"	" Sept. 3.
232	" 31	542 Evergreen avenue	"	" Aug. 14.
233	" 31	1484 Gates avenue	"	" " 27.
234	" 31	1947 Broadway	"	" " 29.
235	" 31	522 Metropolitan avenue	"	" " 19.
236	" 31	56 Smith street	"	" " 16.
237	" 31	688 Manhattan avenue	"	" Sept. 4.
238	" 31	22 Bushwick avenue	"	" Aug. 14.
239	" 31	165 Greenpoint avenue	"	" " 24.
240	" 31	128 Nassau avenue	"	" Oct. 21.
241	" 31	871 Blake avenue	"	" " 1.
242	" 31	275 Bridge street	"	" " 28.
243	" 31	469 Hudson avenue	"	" Dec. 10.
244	" 31	251 Graham avenue	"	" Aug. 26.
245	" 31	114 Myrtle avenue	"	" Sept. 12.
246	" 31	1956 Fulton street	"	" Aug 23.
247	" 31	323 Fifth avenue	"	" " 23.
248	" 31	343 Fifth avenue	"	" " 27.
249	" 3	76 N. Seventh street	"	" Sept. 3.
250	" 3	219 Bedford avenue	"	" Aug. 9.
251	" 31	2164 Fulton street	"	" Oct. 1.
252	" 31	126 Franklin avenue	"	" Sept. 27.
253	" 31	949 Third avenue	"	" Aug. 22.
254	" 31	135 Bayard street	"	" Sept. 23.
255	" 31	177-83 Bayard street	"	Vacated " 9.
256	" 31	148-150 India street	"	Complied " 5.
257	" 31	1145 Manhattan avenue	Defective drainage and plumbing	" " 16.
258	" 31	Ft. of Ocean parkway C. I. Riccadonna Hotel	Defective plumbing	" Aug. 20.
259	" 31	177 Lorimer street	Defective drainage	" " 15.
260	" 31	187 Washington street	Defective plumbing	" " 28.
261	Aug. 7	137 Jay street	Public nuisance	" Oct. 22.
262	" 7	246 Fifth avenue	"	" Aug. 20.
263	" 7	117 Fulton street	"	" " 29.
264	" 7	115 Fulton street	"	" " 30.
265	" 7	107 Fulton street	"	" " 30.
266	" 7	116 Fulton street	"	" " 30.

TABLE 27—(*Continued*).

No.	Date.	Location.	Cause.	Result.
				1907.
267	Aug. 7	33 Fulton street	Public nuisance	Complied Aug. 21.
268	" 7	63 Main street	"	" " 30.
269	" 7	35 Sands street	"	" Sept. 6.
270	" 7	7 Front street	"	" Aug. 30.
271	" 7	67 Front street	"	" " 30.
272	" 7	52 Front street	"	" " 30.
273	" 7	402 Seventh avenue	"	" " 30.
274	" 7	400 Seventh avenue	"	" " 30.
275	" 7	162 Seventh avenue	"	" " 24.
276	" 7	433 Seventh avenue	"	" " 30.
277	" 14	160 Duffield street	"	" Oct. 18.
278	" 14	230 Reid avenue	"	Work progressing.
279	" 14	200 Chester street	"	Complied Oct. 9.
280	" 14	204 Hamburg avenue	"	" Sept. 16
281	" 14	167 Twenty-first street (adj.)	"	" Oct. 22.
282	" 14	192-194 Bristol street	"	" Sept. 5.
283	" 14	206 Chester street	"	" Oct. 9.
284	" 14	582 Myrtle avenue (rear)	"	" Nov. 15.
285	" 21	130 North Fifth street	Nuisance	Vacated " 26.
286	" 21	747 Liberty avenue	"	Complied Sept. 10.
287	" 21	304 Twenty-fourth street	Defective plumbing	" Nov. 19.
288	" 28	35 Havemeyer street	Public nuisance	" Sept. 6.
289	" 28	95 Sands street	"	" Nov. 8.
290	" 28	322 Watkins street	"	" Oct. 10.
291	" 28	108 Eldert street	"	" Sept. 4.
292	" 28	260 Osborn street	"	" Aug. 31.
293	" 28	303 Bond street	"	" Sept. 6.
294	" 28	2338 Pacific street	"	" Oct. 25.
295	" 28	556 Blake avenue	"	" Nov. 1.
296	" 28	778 Third avenue	"	" Sept. 19.
297	" 28	5508 Third avenue	"	" " 20.
298	" 28	209 Union avenue	"	" " 16.
299	" 28	132 Wyckoff avenue	"	" Dec. 12.
300	" 28	165 Sumpter street	"	" Sept. 4.
301	" 28	112 Cooper street	"	" " 17.
302	" 28	188 Noll street	"	" " 4.
303	" 28	780 Grand street	"	" " 18.

TABLE 27—(*Continued*).

No.	Date.	Location.	Cause.	Result.
				1907.
304	Aug. 28	357 Furman street	Public nuisance	Complied Sept. 30.
305	" 28	5 Garnet street	"	" " 18.
306	" 28	259 Hamilton avenue	"	" " 4.
307	" 28	260 Hamilton avenue	"	" " 18.
308	" 28	1038 Manhattan avenue	"	" Nov. 29.
309	" 28	899 Flatbush avenue	"	" Sept. 21.
310	" 28	32 Myrtle avenue	"	" " 30.
311	" 28	10 Tompkins avenue (front)	Nuisance	" " 9.
312	" 28	10 Tompkins avenue (rear)	"	" " 9.
313	" 28	620 Blake avenue	Public nuisance	" " 7.
314	" 28	591 Myrtle avenue	"	" Aug. 31.
315	" 28	307 Bushwick avenue	"	" Nov. 14.
316	" 28	9 Hamburg avenue	"	" Sept. 4.
317	" 28	1200 Myrtle avenue	"	" " 4.
318	" 28	497 Stone avenue	"	" " 23.
319	" 28	199 East New York avenue	"	" Oct. 3.
320	" 28	7-9 Glenmore avenue	"	" Nov. 1.
321	" 28	604 Evergreen avenue	"	" Oct. 25.
322	" 28	626 Third avenue	"	" Sept. 6.
323	" 28	946 Atlantic avenue	"	" " 14.
324	" 28	116 Atlantic avenue	"	" Oct. 29.
325	" 28	144 Saratoga avenue	"	" Sept. 4.
326	" 28	198 Hamilton avenue	"	" " 23.
327	" 28	370 Hamilton avenue	"	" Oct. 1.
328	" 28	354 Bond street	"	" Sept. 21.
329	" 28	94 Third street	"	" " 11.
330	" 28	196 Scholes street	"	" Oct. 18.
331	" 28	269 Tompkins avenue	"	" Sept. 6.
332	" 28	662 Sixth avenue	"	" " 16.
333	" 28	307 Nostrand avenue	"	" " 4.
334	" 28	485 Metropolitan avenue	"	" Nov. 9.
335	" 28	215 Hoyt street	"	" Sept. 17.
336	" 28	307 Hamilton avenue	"	" Nov. 13.
337	" 28	371 Furman street	"	" Sept. 30.
338	" 28	822 Fifth avenue	"	" " 20.
339	" 28	236 Hamilton avenue	"	" " 6.
340	" 28	231 Hamilton avenue	"	" " 17.

TABLE 27—(*Continued*).

No.	Date.	Location.	Cause.	Result.
				1907.
341	Aug. 28	351 Hamilton avenue	Public nuisance	Complied Sept. 23.
342	" 28	164 Hamilton avenue	"	" " 6.
343	" 28	664 Driggs avenue	"	" " 5.
344	" 28	225 Kent avenue	"	" " 26.
345	" 28	9 Brooklyn avenue	"	" " 6.
346	" 28	125 Park avenue	"	" " 21.
347	" 28	62 Utica avenue	"	" Oct. 22.
348	" 28	1373 Atlantic avenue	"	" Sept. 26.
349	" 28	571 Central avenue	"	" Nov. 29.
350	" 28	185 Wilson street	"	" Oct. 14.
351	" 28	42-44 Hall street	"	Vacated " 29.
352	Sept. 4	629 New York avenue	Nuisance	Complied Sept. 10.
353	" 4	344 Seventy-eighth street	"	" Oct. 18.
354	" 4	Neptune avenue and East Third street	"	Work progressing.
355	" 4	320 Seventy-eighth street	"	Complied Oct. 18.
356	" 4	346 Seventy-eighth street	"	" " 18.
357	" 4	322 Seventy-eighth street	"	" " 18.
358	" 4	326 Seventy-eighth street	"	" " 18.
359	" 4	328 Seventy-eighth street	"	" " 18.
360	" 4	479 Sackman street	Public nuisance	Work progressing.
361	" 4	332 Seventy-eighth street	Nuisance	Complied Oct. 18.
362	" 4	331 Ovington avenue	Public nuisance	" " 11.
363	" 18	2354 Atlantic avenue	"	" " 5.
364	" 18	2350 Atlantic avenue	"	" " 16.
365	" 18	9 Alabama avenue	"	" Sept. 30.
366	" 18	136 Bridge street	"	" Oct. 22.
367	" 18	118 Belmont avenue	"	" " 4.
368	" 18	136 Belmont avenue	"	" " 4.
369	" 18	206 Bushwick avenue	"	" Sept. 30.
370	" 18	196 Berry street	"	" Oct. 24.
371	" 18	240 Bond street	"	" Sept. 25.
372	" 18	45 Cook street	"	" Nov. 23.
373	" 18	519 Carroll street	"	" Oct. 4.
374	" 18	462 Carroll street	"	" " 24.
375	" 18	217 Driggs avenue	"	" Sept. 28.
376	" 18	169 Division avenue	"	" " 30.
377	" 18	163 Division avenue	"	" " 30.

TABLE 27—(*Continued*).

No.	Date.	Location.	Cause.	Result.
				1907.
378	Sept. 18	1654 Eighty-sixth street	Public nuisance	Complied Oct. 9.
379	" 18	189 Eagle street	"	" " 21.
380	" 18	398 East New York avenue	"	" " 16.
381	" 18	432 East New York avenue	"	" " 16.
382	" 18	1650 Fulton street	"	" Sept. 27.
383	" 18	155 Fifth avenue	"	" " 27.
384	" 18	59 Flatbush avenue	"	" " 27.
385	" 18	132 Forrest street	"	" Oct. 12.
386	" 18	168 Greenpoint avenue	"	" " 5.
387	" 18	199 Graham avenue	"	" " 14.
388	" 18	63 Grant street	"	" " 21.
389	" 18	456 Grant street	"	" Sept. 28.
390	" 18	241 Irving avenue	"	" Nov. 1.
391	" 18	611 Myrtle avenue	"	" Sept. 27.
392	" 18	149 Meserole street	"	" " 30.
393	" 18	350 Metropolitan avenue	"	" Nov. 20.
394	" 18	624 Metropolitan avenue	"	" Oct. 10.
395	" 18	84 Morgan avenue	"	" " 29.
396	" 18	27 Mill street, South Brooklyn (rear)	"	Work progressing.
397	" 18	27 Mill street, South Brooklyn (front)	"	"
398	" 18	629 New York avenue	"	Complied Sept. 30.
399	" 18	237 North Fifth street	"	" " 30.
400	" 18	304 Osborne street	"	" " 27.
401	" 18	422 Prospect avenue	"	" " 27.
402	" 18	2042 Pitkin avenue	"	" Oct. 25.
403	" 18	1746 Pitkin avenue	"	" " 11.
404	" 18	20 Park street	"	" " 7
405	" 18	464 Rockaway avenue	"	" Sept. 25.
406	" 18	429 Ralph avenue	"	" Oct. 5.
407	" 18	473 Ralph avenue	"	" " 2.
408	" 18	569 Sutter avenue	"	" " 25.
409	" 18	271 Sutter avenue	"	" " 16.
410	" 18	99 Schenectady avenue	"	" " 24
411	" 18	59 Stone avenue	"	" Sept. 26.
412	" 18	601 Stone avenue	"	" Oct. 16
413	" 18	58 Tillary street	"	" " 30.
414	" 18	663 Third avenue	"	" " 3.

TABLE 27—(*Continued*).

No.	Date	Location.	Cause.	Result.
				1907.
415	Sept. 18	261 Thatford avenue	Public nuisance	Complied Oct. 14.
416	" 18	103 Thatford avenue	"	" Sept. 27.
417	" 18	51 Thatford avenue	"	" Oct. 14.
418	" 18	961 Third avenue	"	" " 4.
419	" 18	252 Union avenue	"	" Dec. 13.
420	" 18	29 Wyckoff avenue	"	" Oct. 14.
421	" 18	302 Wythe avenue	"	" Sept. 30.
422	" 18	243 Water street	"	" Oct. 12
423	" 18	424 Warren street	"	" Nov. 8.
424	" 18	West Twenty-fifth street, between Railroad and Surf avenues	Nuisance	" Dec. 5.
425	" 25	337 Fifth avenue	"	" " 21.
426	" 25	299 Fourteenth street	"	" " 10.
427	" 25	789 Flushing avenue (rear)	Public nuisance	" " 12.
428	" 25	291 Gold street	"	" Oct. 22.
429	" 25	77 Marcy avenue	"	Work progressing.
430	" 25	West side West Seventeenth street about 200 feet south of Bridge	Nuisance	Complied Sept. 30.
431	Oct. 9	1812 Atlantic avenue	Defective plumbing	" Nov. 1.
432	" 9	62-64 Albany avenue	Public nuisance	Not complied with.
433	" 9	358 Bedford avenue	"	Complied Oct. 22.
434	" 9	241 Bristol street (rear)	"	Work progressing.
435	" 9	62 Congress street	Defective plumbing	Complied Dec. 11.
436	" 9	2094 Dean street	Defective plumbing and drainage	Not complied with.
437	" 9	149 Driggs avenue	Public nuisance	Complied Oct. 29.
438	" 9	619 Driggs avenue	"	" Nov. 1.
439	" 9	30 Eckford street	Nuisance	" Oct. 31.
440	" 9	South side East New York avenue, 100 feet east of Williams avenue	Public nuisance	Work progressing.
441	" 9	81 Franklin street	"	Not complied with.
442	" 9	65 Fulton street	"	Complied Oct. 15.
443	" 9	720 Fulton street	"	" " 24.
444	" 9	2002 Fulton street	Defective plumbing	" Nov. 9.
445	" 9	760 Gravesend avenue	Nuisance	" " 21.
446	" 9	96 Greene street	Defective plumbing	" " 11.
447	" 9	385-387 Hooper street	Public nuisance	" Dec. 23.
448	" 9	479 Hopkinson avenue	"	" Oct. 31.
449	" 9	373 Howard avenue	"	" " 23.
450	" 9	1047 Liberty avenue	"	" Dec. 19.
451	" 9	349 Leonard street	"	" Oct. 24.

TABLE 27—(*Continued.*)

No.	Date.	Location.	Cause.	Result.
				1907.
452	Oct. 9	36 Morgan avenue	Public nuisance	Complied Nov. 1.
453	" 9	986 Manhattan avenue	"	" " 4.
454	" 9	45 Meeker avenue	"	" Oct. 23.
455	" 9	52 and 54 Meeker avenue (rear)	"	" Nov. 19.
456	" 9	157 Norman avenue	"	" Oct. 23.
457	" 9	377 Oakland street	"	" " 23.
458	" 9	1534 Pitkin avenue	"	" " 15.
459	" 9	404 Park avenue	"	" " 26.
460	" 9	Northwest corner Seeley and Twentieth streets	"	" " 23.
461	" 9	295 Stagg street	"	" " 25.
462	" 9	147 Snedeker avenue	"	" Nov. 2.
463	" 9	113 Second street	"	" Oct. 24.
464	" 9	Stratton's Walk east side of Bowery	"	" Nov. 19.
465	" 9	247 Sumpter street	"	" Oct. 23.
466	" 9	172 Sutter avenue	"	" Nov. 19.
467	" 9	427 Third avenue	"	" Oct. 23.
468	" 9	7622 Third avenue	"	" " 23.
469	" 9	39 Tallman street	Nuisance	Vacated Nov. 23.
470	" 9	Southeast corner Thatford and Riverside avenues	Public nuisance	Work progressing.
471	" 9	90 Bayard street	Nuisance and public nuisance	Not complied with.
472	" 9	92 Bayard street	"	"
473	" 9	94 Bayard street	"	"
474	" 9	350 Thatford avenue	Public nuisance	Completed Oct. 18.
475	" 9	75 Thatford avenue	"	" " 17.
476	" 9	16 Vesta avenue	"	" Nov. 4.
477	" 7	263 Van Brunt street	"	Work progressing.
478	" 9	112 Watkins street	"	Compiled Oct. 18.
479	" 9	352 Watkins street	"	" Nov. 30.
480	" 9	324 Wythe avenue	"	" " 1.
481	" 9	Northeast corner Wyckoff and Myrtle avenues	"	" Oct. 31.
482	" 9	108 West Ninth street	Nuisance	" Dec. 14.
483	" 9	110 West Ninth street	"	" " 14.
484	" 9	1141 Eighty-fifth street	"	Work progressing.
485	" 9	South side Ninetieth street, between Third and Fourth avenues	Public nuisance	"
486	" 16	312 Christopher avenue	"	Complied Nov. 8.
487	" 16	335 Adams street	"	" " 21.
488	" 16	83 Washington avenue	Defective drainage and plumbing	" Dec. 20.

TABLE 27—(*Continued*).

No.	Date.	Location.	Cause.	Result.
				1907.
489	Oct. 16	14 Seventh avenue	Defective drainage	Complied Oct. 31.
490	" 16	194 Dupont street (front)	Nuisance	Vacated Dec. 13.
491	" 16	194 Dupont street (rear)	"	" " 13.
492	" 16	89 Franklin street	"	Complied " 21.
493	" 16	24-26 Fifteenth street	Defective drainage and plumbing	Not complied with.
494	" 16	103 Twentieth street	Nuisance	Complied Nov. 30.
495	" 16	71 Bush street (rear)	Public nuisance	" Dec. 10.
496	" 16	327 Bergen street	"	" " 9.
497	" 16	134 Norman avenue	"	" Nov. 2.
498	" 16	1838 Bath avenue	"	" Oct. 25.
499	" 16	369 Johnson avenue	"	" " 25.
500	" 16	712 Lorimer street	"	" Nov. 6.
501	" 16	4017 Thirteenth avenue	"	" " 4.
502	" 16	771 Thirty-ninth street	"	" " 4.
503	" 16	56 Meeker avenue	"	" Dec. 23.
504	" 16	373½ Leonard street	"	" Nov. 6.
505	" 16	92 Withers street	"	" " 6.
506	" 16	3909 W. Hamilton avenue	"	" " 4.
507	" 16	3908 W. Hamilton avenue	"	" " 14.
508	" 16	544-46 Union street (rear)	"	" " 21.
509	" 16	209-11 Center street	"	" Dec. 16.
510	" 16	464 Metropolitan avenue	Defective plumbing	" Oct. 28.
511	" 16	273 First street (rear)	Public nuisance	" Dec. 14.
512	" 16	709 Jefferson avenue (rear)	"	" Nov. 29.
513	" 16	508 Smith street	"	Not complied with
514	" 16	60 Cook street (rear)	"	Work progressing.
515	" 16	263-65 Stockton street (rear)	"	Complied Dec. 28.
516	" 23	253 Tillary street	"	" Nov. 15.
517	" 23	539 Baltic street	"	Not complied with.
518	" 23	866 Kent avenue	"	Complied Nov. 8.
519	" 23	81 Kosciusko street	"	" Oct. 30.
520	" 23	234 Sands street	"	" Nov. 9.
521	" 23	140 Skillman street	"	" " 6.
522	" 30	29 Garfield place	"	" " 15.
523	" 30	104 Hudson avenue	"	Work progressing.
524	" 30	42 Lexington avenue	"	"
525	" 30	178 Montrose avenue	"	Complied Nov. 25.

TABLE 27—(*Continued*).

No.	Date.	Location.	Cause.	Result.
				1907.
526	Oct. 30	384 Manhattan evenue.....	Public nuisance	Complied Nov. 19.
527	" 30	58 McKibbin street.....	"	" " 23.
528	" 30	16 Humboldt street..... ...	"	" Dec. 12.
529	" 30	68 Humboldt street.....	"	" " 9.
530	" 30	106 Varet street.....	"	" " 4.
531	" 30	1008 Manhattan avenue.....	"	" Nov. 15.
532	" 30	194 McKibbin street.....	"	" Dec. 17.
533	" 30	179 Jefferson street.....	"	" Nov. 18.
534	" 30	241 Nassau avenue.....	"	" Dec. 5.
535	" 30	219 Nassau avenue.....	"	" Nov. 15.
536	" 30	268 Bergen street.....	"	" Dec. 3.
537	" 30	596 Manhattan avenue.....	"	" Nov. 23.
538	" 30	76 Pennsylvania avenue.....	"	" " 15.
539	" 30	178 Oakland street.....	"	" " 7.
540	" 30	102 Third street.....	"	" " 7.
541	" 30	89 Moore street.....	"	" Dec. 4.
542	" 30	107 Moore street.....	"	" Nov. 25.
543	" 30	1009-1011 Atlantic avenue.....	"	Work Progressing.
544	" 30	23 Carlton avenue (rear).....	"	Complied Dec. 11.
545	" 30	25 Carlton avenue (rear).....	"	" " 11.
546	" 30	462 Monroe street.....	"	" Nov. 26.
547	" 30	103 Twenty-first street (rear)..	"	Work progressing
548	" 30	N. S. Flatlands avenue bet. East Ninety-ninth and One Hundredth streets...	"	"
549	" 30	42 Lexington avenue.....	Nuisance.....	"
550	" 30	472 Ralph avenue.....	"	Complied Dec. 24.
551	" 30	241 Java street (front).....	Defective drainage.....	" Nov. 30.
552	" 30	241 Java street (rear).....	"	" " 30.
553	" 30	2033 Fulton street.....	Defective plumbing.....	" Dec. 4.
554	" 30	124 Prospect street.....	Nuisance	Work progressing.
555	" 30	158 Snyder avenue.....	"	Complied Dec. 21.
556	" 30	103 Twenty-first street (front).	"	Vacated " 5.
557	" 30	239 Java street.....	"	Complied " 27.
558	Nov. 6	47-49 Watkins street.....	"	" Nov. 22.
559	" 6	209 Sands street	Public nuisance.....	Work progressing.
560	" 6	452 Baltic street.....	Nuisance	"
561	" 6	183 Butler street (front).....	Defective plumbing.....	Complied Nov. 12.
562	" 6	183 Butler street (rear).....	"	" " 12.

TABLE 27—(*Continued*).

No.	Date.	Location.	Cause.	Result.
				1907.
563	Nov. 6	252 Humbolt street	Public nuisance	Complied Dec. 18.
564	" 6	441 Lorimer street	"	" " 23.
565	" 6	974 Rogers avenue	"	" Nov. 27.
566	" 6	979 Gravesend avenue	Nuisance	" " 30.
567	" 20	2405 Fulton street	Public nuisance	" Dec. 7.
568	" 20	Southwest corner Harway and Twenty-fifth avenues	"	Work progressing.
569	" 20	547 Marcy avenue	"	Complied Nov. 26.
570	" 20	179 Sumner avenue	"	" Dec. 4.
571	" 20	260 Ocean Parkway (rear)	"	Work progressing.
572	" 20	244 South First street	"	"
573	" 20	West side Fifteenth street, 760 feet from Neptune avenue (rear)	"	"
574	" 20	238 Java street	"	"
575	" 20	361 Manhattan avenue (rear)	"	"
576	" 20	811 Myrtle avenue	"	"
577	" 20	326 Gates avenue	"	"
578	" 20	2861 West Fifteenth street (rear)	Defective plumbing	"
579	" 20	2861 West Fifteenth street (front)	"	"
580	" 20	325 Gold street	Defective plumbing and drainage	Complied Dec. 10.
581	" 20	83 Graham avenue	Nuisance	" " 11.
582	" 20	47 Belmont avenue	Defective plumbing	" " 23.
583	" 20	74 Talman street	"	" " 21.
584	" 20	235 South Ninth street	"	" " 13.
585	" 20	10-12 Raymond street	Nuisance	" " 28.
586	" 20	60-64 Glenmore avenue	Public nuisance	Work progressing.
587	" 20	260-274 McDougall street	"	"
588	" 20	2952 West Twenty-second street (front)	Nuisance	50 per cent. of order complied with; work progressing.
589	" 20	2952 West Twenty-second street (rear)	"	Work progressing.
590	" 20	169 Fourth avenue	Public nuisance	Complied Nov. 26.
591	" 20	189 Harrison avenue	"	Work progressing.
592	" 20	370 Marcy avenue	"	Complied Nov. 26.
593	" 20	449 Marcy avenue	"	" Dec. 6.
594	" 20	180 Moore street	"	Work progressing.
595	" 20	195 Moore street	"	"
596	" 20	165 Norman avenue	"	Complied Dec. 23.
597	" 20	28 Nostrand avenue	"	" " 6.
598	" 20	38 Nostrand avenue	"	" " 6.
599	" 20	39 Nostrand avenue	"	" " 24.

TABLE 27—(*Continued*).

No.	Date.	Location.	Cause.	Result.
				1907.
600	Nov. 20	103 Stone avenue	Public nuisance	Complied Nov. 29.
601	" 20	29 Sumner avenue	"	" " 29.
602	" 20	836 Dean street	"	" Dec. 11.
603	" 20	104 Nelson street	"	" " 23.
604	" 20	1814 Atlantic avenue	Nuisance	" " 21.
605	" 20	484 Ralph avenue	"	" " 10.
606	" 20	603 St. John's place (front)	"	Work progressing.
607	" 20	603 St. John's place (rear)	Public nuisance	"
608	" 20	263 First street	"	"
609	" 20	2867 West Fifth street	"	"
610	" 20	353 West Twentieth street	"	"
611	" 20	355 West Twentieth street	"	"
612	" 20	357 West Twentieth street	"	"
613	" 20	1401 West Sixty-sixth street (front)	Nuisance	"
614	" 20	1401 West Sixty-sixth street (rear)	"	"
615	" 27	580 Broadway	Public nuisance	Complied Dec. 11.
616	" 27	516 Broadway	"	" " 20.
617	" 27	717 Hicks street	"	" " 20.
618	" 27	West side Howard avenue, between Pitkin and East Parkway	"	Work progressing.
619	" 27	458 Marcy avenue	"	Complied Dec. 4.
620	" 27	113 Broadway	Nuisance	" " 20.
621	" 27	428 Hoyt street	Defective plumbing	Work progressing.
622	" 27	241 Lee avenue	Nuisance	Complied Dec. 19.
623	" 27	1-3 Moore street	"	" " 28.
624	" 27	46 Powell street	Defective plumbing	" " 11.
625	" 27	39 Ten Eyck street	Nuisance	Work progressing.
626	" 27	121 Willoughby street	Defective drainage	Complied Dec. 12.
627	" 27	126 Twenty-fifth street	Nuisance	Work progressing.
628	" 27	146 Twenty-seventh street	Defective plumbing	Complied Dec. 6.
629	Dec. 5	205 Grand street	"	" " 30.
630	" 5	134 Eagle street	Public nuisance	" " 17.
631	" 5	483 Gates avenue	"	" " 10.
632	" 5	9 Leonard street	"	Work progressing.
633	" 5	1075 Flushing avenue	"	"
634	" 5	68 Greene street	"	"
635	" 5	175 Greene street	"	"
636	" 5	190 Greene street	"	"

TABLE 27—(*Continued*).

Date.	Location.	Cause.	Result.
			1907.
Dec. 5	150 Harrison avenue	Public nuisance	Complied Dec. 24.
" 5	181 Harrison avenue	"	" " 24.
" 5	1071 Myrtle avenue	"	" " 12.
" 5	14 Reid avenue	"	" " 24.
" 5	37 Sumner avenue	"	" " 12.
" 5	61 Sumner avenue	"	" " 12.
" 5	217 Throop avenue	"	Work progressing.
" 5	86 Alabama avenue	Defective plumbing	"
" 5	246 Conover street	"	"
" 5	71 De Sales place	Defective plumbing and drainage	Complied Dec. 27.
" 5	918 Gates avenue	Defective drainage	" " 21.
" 5	104 Oakland street	Defective plumbing	Work progressing.
" 5	115 Schenectady avenue	Nuisance	"
" 11	91 Prospect avenue	Defective drainage	"
" 11	2875 West Fifteenth street (front)	Defective plumbing	Complied Dec, 26.
" 11	2875 West Fifteenth street (rear)	"	Work progressing.
" 11	Northeast corner Railroad avenue and West Sixteenth street	"	"
" 11	274 Fifty-sixth street	Nuisance	Complied Dec. 28.
" 11	85 Grattan street	Public nuisance	Work progressing.
" 11	24 Throop avenue	"	Complied Dec. 19.
" 11	464 Humboldt street	"	Work progressing.
" 11	56 Milton street	"	"
" 11	153 Twenty-seventh street	"	"
" 18	708 DeKalb avenue	"	"
" 18	62 Flushing avenue	"	Complied Dec. 31.
" 18	88 Knickerbocker avenue	"	Work progressing.
" 18	527 Park avenue	"	Complied Dec. 27.
" 18	117 Gerry street	"	Work progressing.
" 18	1241 Halsey street	"	"
" 18	184 Johnson street	"	"
" 18	604 Manhattan avenue	"	Complied Dec. 21.
" 18	233 Moore street	"	Work progressing.
" 18	239 Sands street	"	Complied Dec. 27.
" 18	180 Varet street	"	Work progressing,
" 18	145 Washington street	"	"
" 23	302 Court street	Nuisance	"

TABLE 27—(*Continued*).

No.	Date.	Location.	Cause.	Result.
673	Dec. 23	146 Fulton street	Defective plumbing	Work progressing.
674	" 23	80 Grand avenne	Public nuisance	"
675	" 23	82 Grand avenue	"	"
676	" 23	84 Grand avenue	"	"
677	" 23	221-3 Java street	"	"
678	" 23	568 Manhattan avenue	"	"
679	" 23	622 Manhattan avenue	"	"
680	" 23	15 Division place	Defective drainage	"
681	" 23	482 Fulton street	Nuisance	"
682	" 31	4818 Avenue N	Public nuisance	"
683	" 31	543 DeKalb avenue	"	"
684	" 31	144 Ellery street	"	"
685	" 31	915 Grand street	"	Not complied with.
686	" 31	1001 Myrtle avenue	"	Work progressing.
687	" 31	167 Newton street	"	Not complied with.
688	" 31	182 Norman avenue	"	"
689	" 31	54½ Skillman street	"	"
690	" 31	645 Union street	"	Work progressing.

Borough of The Bronx.

No.	Date.	Location.	Cause.	Result.
				1907.
1	Mar. 27	446 College avenue	Defective drainage	Complied May 10.
2	Apr. 25	Eastchester road, east of Saw Mill lane	Public nuisance	30 per cent. of order complied with.
3	May 1	One Hundred and Sixty-seventh street and Sheridan avenue	"	Not complied with.
4	" 1	East side Nelson avenue, one stable south of One Hundred and Seventieth street	"	"
5	" 1	East side Woodycrest avenue, one stable south of One Hundred and Sixty-ninth street	"	10 per cent. of order complied with.
6	" 22	Southeast corner Brook avenue and One Hundred and Forty-first street	"	Vacated June 1. 25 per cent. of order complied with.
7	June 3	One stable on east side of Hoffman street, between One Hundred and Eighty-ninth and One Hundred and Ninetieth streets	"	Not complied with.
8	" 3	North side Fort Schuyler road opposite St. Raymond's Cemetery	"	"

TABLE 27—(*Continued*).

No.	Date.	Location.	Cause.	Result.
				1907.
9	June 3	South side Gun Hill road, two houses east of Station place	Defective drainage	Complied June 18.
10	" 3	2184 Grand Concourse	"	Vacated Dec. 24. 80 per cent. of order complied with.
11	" 3	2186 Grand Concourse	"	80 per cent. of order complied with. Vacated Dec. 24.
12	" 12	Reed's Mill lane	Public nuisance	10 per cent. of order complied with.
13	" 19	Middletown road, Westchester	"	Complied Aug. 16.
24	" 19	Clason Point, Westchester	"	" July 31.
15	" 26	West side Glebe avenue, first stable south of Overington street	"	Not complied with.
16	" 26	Castle Hill, Unionport	"	Complied Aug. 20.
17	" 26	Castle Hill, Unionport	"	" " 20.
18	" 26	Burke Farm, Bronxdale and Hunt avenues	"	" Sept. 18.
19	" 26	606 Robbins avenue	"	" Aug. 20.
20	July 12	1848 Boston road	"	" Oct. 2.
21	" 24	1835 Vineyard place	Defective drainage	" July 31.
22	Nov. 20	739 Forest avenue	Defective plumbing	Vacated Dec. 3, work progressing.
23	" 27	2114 Honeywell avenue	Nuisance	Not complied with.
24	" 27	East side Nelson avenue, first stable east of One Hundred and Seventieth street	Public nuisance	25 per cent. of order complied with.
25	Dec. 23	North side Briggs avenue, first stable east of Fourth avenue, Williamsbridge	"	80 per cent. of order complied with.

Borough of Queens.

No.	Date.	Location.	Cause.	Result.
				1807.
1	Jan. 28	Hoffman Boulevard, near Remsen lane, Newtown.	Public nuisance	Complied May 6.
2	" 28	Old South road, Aqueduct	"	" Oct. 1.
3	Feb. 13	Morris and Cumberland streets, Jamaica	"	" Apr. 26.
4	" 13	Fulton street, near Howard avenue, Hollis	"	" Nov. 12.
5	" 13	Wolcott avenue, near Shore road, Long Island City	"	" Feb. 26.
6	" 13	Corner Merrick road and Baylis street, Springfield.	"	" Apr. 26.
7	" 13	936 Crescent street, Long Island City	"	" Oct. 17.
8	" 13	41 North Washington place, Long Island City	"	" July 16.
9	" 20	138 Lenox avenue, Maspeth	"	" June 6.
10	" 20	Head of Vleigh, Flushing	"	" May 6.
11	" 20	65 Collins avenue, Maspeth	"	" June 18.

TABLE 27—(*Continued*).

No.	Date.	Location.	Cause.	Result.
				1907.
12	Feb. 20	Corner Water and Ferry streets, Woodhaven.....	Public nuisance.....	Complied July 30.
13	" 20	West side Trotting Course lane, 500 feet west of Juniper Swamp road, Middle Village.....	"	" " 22.
14	" 20	Old Brook School road, corner Celtic avenue, Laurel Hill.....	"	" Dec. 26.
15	" 20	West side Shoe and Leather street, 250 feet north of Third street, Woodhaven.	"	" " 16.
16	" 20	Jamaica avenue opposite Spruce street, Richmond Hill.....	"	" Mar. 20.
17	" 20	Northeast corner, Ehret and Flushing avenues, Newtown.....	"	" Oct. 17.
18	" 20	South side Adriatic street, 100 feet east of Collins avenue, Maspeth.....	"	" Dec. 9.
19	" 20	Spring Creek, 500 feet south of pipe line, Woodhaven.	"	" Oct. 15.
20	" 20	Cumberland and Morris avenues, Jamaica.....	"	" Apr. 2.
21	" 20	North side Martin street, two houses east of Flushing avenue, Metropolitan	"	" Mar. 12.
22	" 20	400 feet east of railroad bridge at Jamaica avenue, Richmond Hill.....	"	80 per cent. of order complied with; work progressing.
23	" 20	Palo Alto avenue, 600 feet north of Palermo avenue, Hollinswood.....	"	Complied Apr. 2.
24	" 20	West side Hall street, 350 feet north Flushing road, North Beach.....	"	" " 4.
25	" 20	211 Water street, Woodhaven.	"	60 per cent. of order complied with: work progressing.
26	" 20	Warren and Forest streets, Corona.....	"	25 per cent. of order complied with.
27	" 20	Point View Grove, College Point.....	"	Complied June 10
28	Mar. 20	98 Broadway, Long Island City.....	Defective drainage.....	" Mar. 27.
29	Apr. 3	Amity street between Percy street and Central avenue, Murray Hill.....	Public nuisance.....	" May 22.
30	" 3	East side Lefferts avenue between Williamsburgh road and Hoffman Boulevard, Newtown.....	"	" Apr 18.
31	May 1	Northwest corner Juniper Swamp road and Dry Harbor road, Middle Village.....	"	70 per cent. of order complied with; work progressing.
32	" 1	West side Juniper Swamp road north of Furman avenue, Middle Village.	Public nuisance.....	85 per cent. of order complied with; work progressing.
33	" 13	East side Church street 175 feet south of Fulton street, Jamaica.....	"	Complied May 24.
34	" 28	41 Vernon avenue, Long Island City.....	Defective drainage.....	" July 5.
35	" 28	43 Vernon avenue, Loug Island City.....	"	" " 5.
36	" 28	45 Vernon avenue, Long Island City.....	"	" " 5.

TABLE 27—(*Continued*).

No.	Date.	Location.	Cause.	Result.
37	June 26	Queens Borough Hill, near Ireland Mills road, Flushing	Public nuisance	1907. Complied July 18.
38	Aug. 28	Arverne Pier Theatre, Arverne-by-the-Sea	Defective construction	5 per cent. of order complied with.
39	" 28	Hoffman Boulevard, two houses from Fulton street, Jamaica	Nuisance	Complied Oct. 11.
40	" 28	East side Hoffman Boulevard, four houses north of Fulton street, Jamaica	"	" " 11.
41	" 28	South side Bay Shore terrace, one house east of Grant Boulevard, East Elmhurst	"	" " 26.
42	Oct. 16	505 Webster avenue, Long Island City	Defective drainage and plumbing	" Nov. 14.
43	" 23	86 Main street, Long Island City	Nuisance	" Oct. 30.
44	" 23	88 Main street, Long Island City	"	" " 30.

Borough of Richmond.

No.	Date.	Location.	Cause.	Result.
1	Apr. 18	2 Holland avenue, Third Ward	Nuisance	Complied July 6.
2	" 18	5 Holland avenue, Third Ward	"	" " 6.
3	" 18	6 Holland avenue, Third Ward	"	" " 6.
4	" 18	8 Holland avenue, Third Ward	"	" June 5
5	" 18	9 Holland avenue, Third Ward	"	" July 6.
6	" 18	11 Holland avenue, Third Ward	"	" June 5.
7	" 18	13 Holland avenue, Third Ward	"	" " 5.
8	" 18	16 Holland avenue, Third Ward	"	" " 5.
9	" 18	18 Holland avenue, Third Ward	"	" May 9.
10	" 18	23 Holland avenue, Third Ward	"	" July 6.

Removal of Garbage from the Streets of the City.

For some weeks during the late spring and early summer of the present year, the employees of the Street Cleaning Department (and especially the drivers of that Department), were much dissatisfied with the conditions under which they were being compelled to work, and were especially dissatisfied with their pay, which they considered inadequate. In addition to this, there was a system of fines and penalties in the Department, which were being enforced automatically, and as the men claimed, with little or no justice.

As a result of these conditions, early in the last week of June, the drivers of the Department of Street Cleaning, in the Borough of Manhattan, refused duty. This was a particularly unfortunate time of the year for such an occurrence. The weather was warm, and the season of fruits and fresh vegetables was just opening.

Many householders took advantage of the absence from duty of the drivers of the Street Cleaning Department, and threw rubbish and refuse of all kinds (such as trunks, furniture, clothing and bedding) into the streets. In a very few days the streets had large accumulations of putrefying garbage in them; barrels and cans were filled to overflowing, and in the crowded districts of the Borough, the conditions were rapidly becoming intolerable (Figs. 5, 6, 7, 8, 10, 11 and 13).

Efforts were made on the part of the officials of the Street Cleaning Department to adjust the differences between the Department and the dissatisfied employees, but without avail.

On June 28, the Mayor, after consultation, and after receiving due legal advice, officially informed the Department of Health of the existing conditions, and instructed it to bring into play its extraordinary powers for the abatement of this most grievous nuisance. In accordance with these instructions, late in the afternoon of the same day, it was decided to make an effort at cleaning the streets in a few small sections of the City that night. Two of the most important stables were selected as the places from which to operate first. The Superintendents were notified by telephone of the determination to take charge, and they were instructed to remain at their posts, keeping with them all of their stable men and hostlers. These stables were: Stable "G"

FIG. 5. PILE OF GARBAGE OPPOSITE No. 414 EAST FIFTH STREET, JUNE 30, 1907.

FIG. 6. GARBAGE OPPOSITE No. 37 ORCHARD STREET, JUNE 30, 1907.

FIG 7.—GARBAGE OPPOSITE No. 306 EAST FIFTH STREET, JULY 1, 1907.

FIG. 8.—SEVENTH STREET SIDE OF TOMPKINS MARKET, JULY 1, 1907.

at No. 44 Hamilton street, and Stable "A" at Avenue C, Sixteenth and Seventeenth streets. At the same time all of the available laborers in the Department of Health were congregated at Stable "G"; men even being brought down from the Tuberculosis Sanitarium at Otisville. As these men arrived, horses were harnessed to carts, and the carts were sent out accompanied by a sufficient number of patrolmen to preserve the peace, and by an Inspector to represent the Department of Health.

No carts left Stable "A" on this first night, and but few carts were sent out from Stable "G," where it was clearly demonstrated, not only to the officials of the Department who were conducting this their first experience in street cleaning, but to the people of the East Side themselves, that the Department could, and would do the work, and that it could be carried on in a decent and orderly manner. In the meantime, arrangements were being made with various employment bureaus, who make a specialty of furnishing labor for contracting work, excavating, etc., to supply the Department with laborers. These agencies delivered men as fast as possible during that night and early the following morning at Stable "G" and Stable "A."

At Stable "G," which was the first stable from which any systematic work was done, and at which any effective results were accomplished, the system of operation was as follows: The carts were lined up in the stable yard, to each of which was furnished a driver and a helper, the object being to do the work in as rapid and effective manner as possible. The carts were sent out in squads of not less than four nor more than six. Before opening the gates and allowing the carts to enter the street, a squad of police under the command of a sergeant was formed around the carts; one patrolman with the sergeant being placed at the head of the line as a point. In addition, there was assigned to each cart a patrolman, alternating in position from side to side of the cart as they were in the column. At the rear of the column was still another patrolman, whose duties were to keep the columns closed up and to prevent interference from the rear. Each squad, as described above, was under the charge of an Inspector of the Department of Health (Fig. 9). These squads left the stable as fast as laborers could be secured to man the wagons, so that by the end of the

second day practically all of the available carts and horses in Stable "G" were in use.

On the afternoon of the day in which the Department of Health took charge of the equipment of the Street Cleaning Department, it was felt to be desirable that the carts be marked in some distinctive manner so that all persons would realize that the carts and the men connected with them were being used by the Department of Health, and under its protection; therefore, orders were immediately issued for the preparation and printing of a number of signs in large letters, "Department of Health" (Fig. 11). These signs were affixed to both sides of each wagon before they left the stable, and undoubtedly contributed in no small degree to the orderly collection of garbage, and the prevention of disorder (Figs. 11 and 12).

While matters were progressing in the manner described at Stable "G," efforts were being made to move the equipment of Stable "A," but not with the same degree of success. This lack of success was primarily caused by the presence of a large number of rioters and disorderly persons in the immediate neighborhood of the stable, and it was therefore impossible with the police who were present to adequately control the conditions; consequently a greater length of time elapsed before the complete equipment of Stable "A" was in use.

At midnight of June 30 it was decided to open up other stables on the following morning. In accordance with this plan Inspectors were sent to Stables "C" in West One Hundred and Thirtieth street, "D" in East One Hundred and Sixteenth street, "F" foot of East Eightieth street and "H" East Forty-eighth street. These Inspectors were instructed to man and equip their carts in the same manner as previously described for Stable "G."

At first there was some considerable difficulty experienced in obtaining workmen for all these stables, and at so short a notice, but by the middle of the forenoon a large number of men had been secured and placed at work.

At Stable "D" and Stable "F" the instructions in regard to the arrangements of working squads were not carried out. At Stable "F" fifteen carts were dispatched in one squad. At Stable "D" thirty-two carts were dispatched in one squad. These squads were so large and

unwieldy that it was impossible adequately to protect the laborers in their work. As a result rioters and other disorderly persons broke through the lines in numerous places and, in the detail from Station "F," broke it up entirely so that no garbage could be collected. The squad from Stable "D" was more or less disorganized and broken up, many men were injured and an excessive amount of time was consumed in the collection of the thirty-two loads of garbage.

During the afternoon the misunderstandings of orders had been rectified and from all stables the carts went forth in the manner specified, and at no time while the group of carts consisted of six or less was there any serious disorder or were any employees or laborers of the Department of Health seriously injured. During this day and during the day following large numbers of men were constantly reporting for work and were placed at work as fast as possible.

On the morning of July 2 the regular employees of the Department of Street Cleaning reported for duty. They were assigned to their regular carts and went to work with apparent enthusiasm. The laborers in the employ of the Department of Health were segregated in the various stables to prevent any clash between them and the regular employees of the Department of Street Cleaning.

On the morning of July 3 the Drivers of the Department of Street Cleaning again reported for duty and were assigned to work in a similar manner. During this day the representatives of the Drivers held conferences with the officials of the Department of Street Cleaning and with the Mayor, and agreed to submit their differences to arbitration. These representatives announced that they were satisfied with the outcome and that all the Drivers of the Department of Street Cleaning would remain at work thereafter continuously; consequently the temporary employees of the Department of Health were notified that their services were no longer required, and they were dismissed and allowed to go to their homes. Up to this time they had been housed in the various stables and fed by Department of Health employees from the hospitals.

In addition to furnishing labor for loading the carts, many of the employees of the Department of Health were sent to the various garbage dumps to assist in trimming the scows and unloading the carts, and

over fifty men were sent to the foot of East One Hundred and Twentieth street, where an emergency dump had been established and where all of the material had to be dumped on the dock and then handled by shovels and wheelbarrows before being placed on the scows.

On Saturday, June 29, Disinfectors of the Department were assigned to the crowded sections of the city and furnished with large quantities of bromine. They dissolved this bromine in casks of water which had been placed on the trucks. These trucks were driven through the streets and the piles of garbage were thoroughly sprinkled with this strong bromine solution, the object being to deodorize the garbage and to prevent for a short period of time its further decomposition. This work with bromine was kept up until all of the accumulated garbage had been removed from the streets.

The accompanying map will show the amount of work done in cleaning the streets in the district which is supplied from Stable "G," (Fig. 14). Unfortunately records of this sort were not kept at the other stables.

Typhoid Fever in the Borough of Richmond.

During the first eight months of the year 1907 typhoid fever cases were reported in the Borough of Richmond as follows:

January, 1907	10 cases.
February, 1907	5 cases.
March, 1907	6 cases.
April, 1907	2 cases.
May, 1907	3 cases.
June, 1907	8 cases.
July, 1907	None.
August, 1907	41 cases.

The cases, therefore, had increased very remarkably during the month of August. As a consequence of this increase inspections were made by the Inspectors of the Division of Communicable Diseases, and after a series of investigations the following conclusions were arrived at: That the milk and shell-fish supplies were not infected and that probably the source of infection was the water supply.

The main water supply of the Borough of Richmond is obtained from two separate systems—that of the Staten Island Water Supply

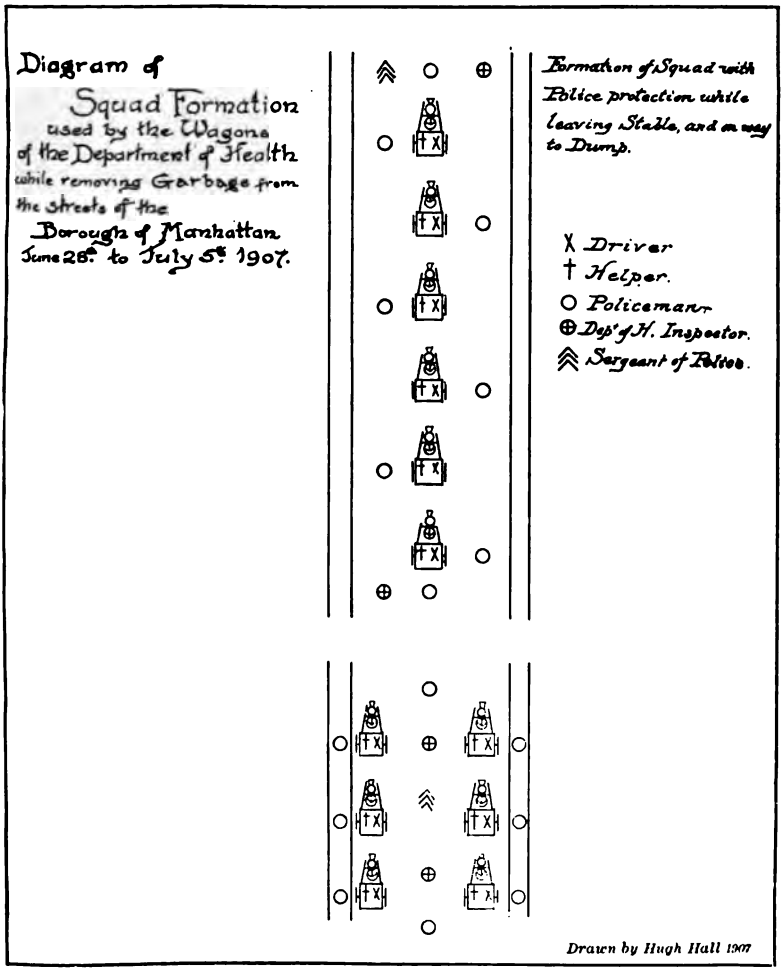


FIG. 9.—DIAGRAM OF SQUAD FORMATION.

FIG. 10.—GARBAGE OPPOSITE NO. 74 BAYARD STREET, JUNE 30, 1907.

FIG. 11.—WAGON OF STREET CLEANING DEPARTMENT REMOVING GARBAGE UNDER DIRECTIONS OF DEPARTMENT OF HEALTH, JUNE 30, 1907.

FIG. 12.—WAGON OF STREET CLEANING DEPARTMENT REMOVING GARBAGE UNDER DIRECTIONS OF THE DEPARTMENT OF HEALTH. JUNE 30, 1907.

FIG. 13.—GARBAGE OPPOSITE NO. 35 RUTGERS STREET. JUNE 30, 1907.

Company, situated at Port Richmond, and that of the Crystal Water Company, situated at Stapleton.

Investigation showed that none of the patients were users of the Crystal Water Company's supply, consequently any investigation which might be made would necessarily be limited to the customers of the Staten Island Water Supply Company and to the sources of its water.

Having these data in mind, the Board of Health of this Department, at a meeting held September 4, 1907, adopted the following preambles and resolutions:

Whereas, It has been reported to this Board that a number of cases of typhoid fever have developed in the region supplied with water by the Staten Island Water Supply Company, in the Borough of Richmond, and that, along with driven wells located in the vicinity of the plant of said company, it also makes use of water from a creek running from Brook's Lake to a stream called Palmer's Run, which said creek receives the storm water from gutters of the streets which cross it and the drainage from adjoining grounds, on which are dwellings which have privies and cesspools; and

Whereas, Samples of water taken from said creek have been found badly contaminated with bacteria, thereforefore, be it

Resolved, That the Assistant Sanitary Superintendent of this Department for the Borough of Manhattan cause inspections to be made at West New Brighton and elsewhere in the Borough of Richmond and of the said water course, and that he cause orders to issue against the owners of dwelling houses and other places not sewer-connected in the locality of said stream, requiring the cesspools and privies to be emptied, cleaned, disinfected and removed and water-tight metal receptacles with handles to be substituted therefor; further, be it

Resolved, That the said Assistant Sanitary Superintendent cause Inspectors to be detailed for the prosecution of the work aforesaid, along with a sufficient number of Patrolmen from the Sanitary Squad.

Acting under the authority vested in him, the Assistant Sanitary Superintendent for the Borough of Manhattan detailed four Sanitary Inspectors and three Patrolmen of the Health Squad to carry out these resolutions. This work was commenced on the 6th day of the same month.

In order to understand the situation, it must be borne in mind that the Staten Island Water Supply Company has three plants, situated respectively at West Brighton, Bull's Head and New Springville, and the water supplied by these plants was secured from two sources, viz.: from surface streams by pumping directly from the latter and from an underground supply secured by pump-connected driven wells.

The station at West Brighton is the oldest, and the pumping capacity is largely in excess of either of the other two stations, and provides the public water supply for the north shore of the island from St. George to Port Richmond, and the country districts to the south. At this station the underground water is tapped by 155 driven wells, varying from seventy-five to one hundred and thirty-five feet in depth; these are flowing wells and are arranged in groups and are driven at the sides of Palmer's Run and Clove Brook.

The wells are connected to a main which is maintained under partial vacuum, and the water is made to discharge into a covered receiving well situated near the pumping station. This well is about fifteen feet in diameter and twenty-six feet deep, brick lined and with tight bottom. The suction main of the Holly pump in the station draws from this receiving well. This pump is a Holly high-pressure horizontal condensing engine, capable of pumping daily five million gallons of water, but pumping under normal conditions about three million gallons. This pump, as stated above, draws from the large receiving well, but if desired connections can be so arranged as to enable the pump to draw directly from the driven wells. The water, after entering the pump cylinder, is forced into the pressure main connected to the underground distribution system so that the latter is always under pressure direct from the pump. In connection with the distribution there is a reservoir on one of the hills in the neighborhood of St. George into which the excess supply from the distribution system enters. Besides the Holly pump are three Knowles pumps, capable of being used in an emergency, and four horizontal tubular boilers for the generation of steam for the pumps. A short distance to the south and west of the station was what was commonly called a filter basin. As a matter of fact it was not a filter basin; was not designed or constructed as a filter basin should be, and performed none of the functions of one; it was simply a settling

basin, and a decidedly crude and inadequate one. The sidewalls were constructed of dry rubble masonry about four feet in height, and the bottom had a layer of sand laid on the natural earth. At the extreme southerly end of the basin was a comparatively small pit, roughly semi-circular in plan and separated from the basin proper by a dry stone wall about two feet high, into which pit water from Clove Brook, flowing alongside the basin, was led by means of a twelve-inch iron pipe. At the north end of the basin was a wrought-iron outlet pipe four inches in diameter, with its overflow point about three feet above the bottom of the basin, and discharging by gravity into the receiving well near the pumping station. The bottom area of basin was about four thousand three hundred and sixty square feet and a little over ninety-eight thousand gallons of water could be freed from mechanical impurities, assuming a depth of water of three feet and a settlement period of twenty-four hours.

The second pumping station of the Water Company is situated at Bull's Head, where there are seventy-five four-inch wells driven about seventy-five feet, there being four lines of these wells open at the top and each one boxed in. As these are not flowing wells the water is drawn from them by means of two and a half inch suction pipes connected to the well casings at a point eight or nine feet below the ground level, and extending down into the casings about thirty or forty feet. These branch suction pipes are connected with the suction main of the pump which, owing to the ground water level at this point being about twelve feet below the surface, is placed in a pit in the pumping station about eight or nine feet below the ground level in order to reduce the height of lift and friction. The pump at this station is made markedly different from that at West Brighton or New Springville, and owing to the peculiar motion of its side-arms is called "grasshopper." It is, however, a powerful pump and can easily draw and force the million gallons of water that this station adds daily to the water supply system. There are also at this station a small auxiliary pump and two horizontal tubular boilers of one hundred and fifty horse power each.

The third pumping station is situated at New Springville, a short distance west of the junction of Union avenue and Richmond road, and practically on the bank of Springville Creek, the latter being a

branch of Fresh Kills, and at extreme high tide salt water is forced almost up to the pumping station. In connection with this station there are thirty-six four-inch flowing wells, seventy-five feet deep, connected directly to the suction main of the pumps, which are of the Worthington horizontal condensing type, and each is easily capable of pumping a million gallons daily—this latter is the amount normally pumping daily at this station into the mains of the Water Company. Two horizontal tubular boilers of one hundred and fifty horse power each furnish the steam supply. The surface streams owned by the Water Company, and from which a part of their supply was drawn, are known as Clove Brook and Willow Brook. Clove Brook has one of its sources in Silver Lake, situated to the north of Richmond turnpike and in the neighborhood of Grymes Hill. The water from the lake flows westerly and empties into Clove Lake, and continuing in a general northerly direction enters Richmond and Brooks Lakes, and thence to Bodines Pond, from which it flows to the Kill Van Kull. The other tributary has its source in the high hills south of Little Clove road, flowing northerly into Clove Lake and thence to the Kills, as above outlined. Willow Brook having three tributaries, has its source in the Dongan Hills and flows in a general westerly direction to Bull's Head, crossing the Richmond turnpike near the junction of the latter north of Richmond road. At or near this point the waters of the brook were dammed, and as the ground in the neighborhood of the Bull's Head Pumping Station (in the vicinity of which the wells are driven) is low and marshy, part of this water was consequently retained so that the section south of Richmond turnpike and east of Richmond road was flooded to a depth of two or three feet. Excess water flowed over the dam and took a northeasterly course to Graniteville to its junction with Palmer's Run, and thence to the Kill Van Kull. These streams having their sources in the sparsely settled outlying districts as they approached their common outlet at the Kills, on the north shore of the island, have their courses through populous districts, and as no provision of restricted land on either sides of any of the streams existed, and no patrol or supervision was exercised by the Water Supply Company to prevent contamination or pollution of the water of the streams, a systematic sanitary investigation of the conditions that existed along these streams for a thousand feet on either

side of the same was undertaken, and all nuisances or conditions that caused, or were liable to cause pollution or contamination of the stream waters were noted and orders issued by this Department for the abolition or abatement of the same.

Some of the major nuisances that contributed to the befoulment of the streams were the discharge into the latter directly by pipe connections of human excrement and foul house and factory wastes and liquid filth from stables, the location of water closets directly over the streams, and the direct and continuous overflow to the latter of the filthy contents of defective privy vaults and cesspools. In this last connection it is no exaggeration to say that a tributary to one of the streams flowing to one of the pumping stations had its fountain head in the continuous overflow from an earthen pit which received the excess discharge of a chain of cesspools and represented a condition positively foul and disgusting—the washings of the contents of tight cesspools and privy vaults into the water came at time of heavy rain. This latter condition was due to the fact that the tops of these tight cesspools and privy vaults were at the ground level and gave ready entrance to storm water with its consequent overflow. Rain water falling on the surfaces of cultivated fields, on the unclean surfaces of public highways in the populous districts and on the surfaces of filthy stable and chicken yards, became foul to the extent of being called sewage, and as such entered the streams, adding its share to the already badly polluted water. Also within short distances of several of the streams, and having the ground slope toward the latter, are several cemeteries, the surface and subsoil drainage from which found its way into the streams. In the case of one cemetery—St. Peter's—on the east bank of Clove Brook, interments were made within fifty or sixty feet of the brook.

Fully one thousand inspections were made during the investigation and about five hundred orders were issued by this Department against owners on whose property nuisances were found to exist, calling for the abatement of the latter. These orders had directly for their object the prevention of the contamination of the streams by the entrance into the latter of fecal matter or offensive liquids, and also the prevention of ground pollution. This latter was of importance as at times in several sections of the territory investigated the ground water level

was not more than a few feet below the surface. The means adopted to secure these results were the outright abolition of privy vaults and cesspools and the substitution therefor of water-supplied sewer-connected fixtures, where this condition could be carried out. Where no sewer connection could be made the use of privy vaults was prohibited and their place taken by liquid tight metal receptacles set about the ground level, and provided with handles for ready removal. Defective cesspools were also prohibited and liquid tight cesspools substituted, having their tops at least one foot above the ground level so that storm water could not readily enter and cause an unnecessary overflow of the contents. The latter in the case of both privy vaults and cesspools could only be removed by a properly licensed scavenger. In no case was a cesspool permitted to receive excremental matter.

In several sections where there was no public sewer in the street attempts had been frequently made by the more progressive and enlightened of the house-holders to do away with the primitive sanitary conveniences and secure modern sanitary appliances, and proper sewage disposal, by having private sewers constructed under the supervison of the proper City authorities, and connecting to the nearest public sewer, but their efforts had always been balked by an element that opposed the betterment of conditions.

When in the course of the sanitary investigation these sections were reached, and practically simultaneous Board orders were served against all owners, the opposing factions were brought together and amicable relations established that had for their outcome the construction of private sewers in some cases of considerable length, but involving no great expense to any one individual, and with the construction of the private street sewers, houses were separately connected to the same and modern sanitary fixtures installed on the premises, and on the completion of the work extreme satisfaction was evinced by the very element that had originally opposed any such action.

Of the five hundred orders issued covering nuisances shown to exist, between two and three hundred were complied with before the weather bcame so severe as to prevent the proper performance of outdoor work.

While the sanitary investigation was in progress a series of chemical and bacteriological examinations were being made on samples of water

taken from the different streams at various points. These showed the contamination of the water brought about by sewage and the presence of large numbers of bacteria, among them *coli communis*. (See Chemical Laboratory, p. 324.)

Shortly after the investigation commenced the Water Company, while admitting that stream waters had at times been drawn into the water supply system and distributed to their patrons, contended that that practice had been discontinued and that all water then being distributed by them was drawn from the driven wells and presumably uncontaminated. This contention was doubted, but means had to be taken to prove the truth or falsity of the claim, and as a result the following method was adopted.

Unknown to the officials of the Water Company, ten pounds of chloride of lithia were deposited in the waters of Clove Brook, and a certain period of time having elapsed, water was drawn from a faucet in one of the houses which was supplied by the Water Company, and this water being subjected to chemical analysis, the presence of lithia was established. This test settled definitely the fact that surface water was still being used by the Water Company notwithstanding its denial.

The sanitary investigation, continuing as it did, to disclose so many and dangerous sources of contamination and pollution of the streams, the bacteriological examinations showing the presence of large numbers of bacteria, and the result of the lithia test proving beyond the question of a doubt that the water from the streams in its befouled condition was still being used, brought matters to a head, and at a meeting of the Board, held October 30, 1907, the following resolution was adopted:

Resolved, That until such time as the Staten Island Water Supply Company provides a suitable system of filter beds the use of the water from Willow Brook, Brooks Lake, Richmond Lake, Clove Lake, Valley Lake and its tributaries be discontinued.

This resolution, shutting out as it did the contaminated water from the Willow Brook system, reduced to a very large extent the necessity for the drastic orders which had been issued throughout the watershed. As a consequence those parts of the order relating to the removal of chickens and stables and to the discharge of stable drainage into water-tight cesspools or into sewers were rescinded. Those parts re-

lating to the disposal of house drainage and the removal of privy vaults were left in force, and in very many instances complied with.

Mercantile Inspection.

The inspection of mercantile establishments has been carried on under the same routine as heretofore. On the first of October of this year a very radical amendment to the Labor Law went into effect. This amendment provides that proof of age must be submitted according to a certain definite order, which is as follows:

(*a*) Transcript of Birth Record.
(*b*) Certificate of Graduation.
(*c*) Baptismal record or Passport.
(*d*) Documentary evidence of age which does not come within any of the foregoing classes.
(*e*) Physician's Certificate.

This Physician's Certificate is the radical change in the law. It is provided that in the case of a child being unable to furnish any of the foregoing evidences of age, that its parent may make application for a physical examination. Ninety days after the date of the examination, the child must be examined by two physicians designated by the Department of Health, provided in the meantime no suitable evidence of age has been produced. If, upon this examination, the two designated physicians determine that the child is over fourteen years of age, then the mercantile certificate is issued in the usual manner. This provision of law has been in force, as yet, too short a time to determine the value of it.

On the 1st of October, the Board of Health authorized the Child Labor Committee to place a representative in the mercantile office. It was to be the duty of this representative to aid applicants so far as possible in securing proof of age or school records. On the 22d of October this work was commenced. It has proved to be a most valuable work in that very many children have been able to secure their mercantile certificates at a much earlier date through the untiring efforts of the representative of this Committee.

TABLE 28.

Employment Certificates—Six Months Ending June 30, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens	Richmond.
Number of children interviewed applying for certificates	26,224	18,974	4,658	1,318	1,033	241
Number of employment certificates granted	11,443	6,148	3,566	919	570	240
Number of duplicate certificates issued	387	199	163	24	1	....
Number refused by reason of insufficient education	224	69	137	4	4	....
Number refused by reason of insufficient tuition	488	306	170	4	8	....
Number refused by reason of insufficient evidence as to date of birth	293	126	125	....	42	....
Number refused by reason of physical incapacity	3	2	....	....	1	....
Number of applicants under age	399	75	277	34	12	1
Number of applicants over age	338	112	220	5	1	....
Total number refused	1,745	690	929	47	78	1

Employment Certificates—Six Months Ending December 31, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens	Richmond.
*Application for employment certificates	12,535	6,711	3,910	999	694	221
Granted	11,570	6,306	3,432	977	634	221
Pending before board	41	35	.....	6	.....	....
Refused	924	370	478	16	60	....
By reason of insufficient education	158	58	93	....	7	....
By reason of insufficient tuition	297	150	131	2	14	....
By reason of insufficient evidence as to birth	221	141	49	1	30	....
By reason of physical incapacity	4	2	....	....	2	....
By reason of being under age	244	19	205	13	7	....
Duplicate certificates issued	484	237	200	41	4	2
Certificates in force June 30, 1907	22,557	16,543	1,867	2,132	1,516	499
Certificates granted during six months	11,570	6,306	3,432	977	634	221
Certificates expiring during six months	7,173	5,533	239	493	738	170
Certificates in force December 31, 1907	26,954	17,316	5,060	2,616	1,412	550

* Children applying and found over age are considered as not having applied.

TABLE 29.

Inspection of Mercantile Establishments—Six Months Ending June 30, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens	Richmond.
Number of mercantile establishments, inspections	21,101	16,082	3,814	208	559	438
Number of complaints received	44	27	17	....	....	....
Number of complaints filed for orders	305	303	2	....	....	....

**Inspection of Mercantile Establishments—Six Months Ending December 31, 1907.*

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens	Richmond.
Inspection—						
Total inspection of mercantile establishments	16,046	9,567	3,118	1,576	1,492	287
Inspections of mercantile establishments in which violations of law were found	1,219	648	87	448	35	1
Violation—						
Violations of law found	1,507	712	107	628	58	2
Children employed without certificates	359	180	54	109	16	....
Male	304	160	36	93	15	....
Female	55	20	18	16	1	....
Basement occupied	26	18	4	4	....	....
No seats for females	16	7	1	8	....	....
No separate toilets for females	107	13	8	84	2	....
No register kept	32	11	7	1	13	....
Work after 7 P. M.	44	36	2	5	1	....
Work more than 9 hours a day	10	1	2	5	1	1
Work more than 54 hours in a week	12	1	1	8	1	1
Law not posted	901	445	28	404	24	....

* For complaints and notices see Table 43.

Milk Inspection.

The inspection of milk in its various steps from the dairy to the consumer, still continues to be one of the chief activities of the Division of Inspections. As the method of placing an Inspector in charge of the production of milk and another in charge of the corps which supervises the sale of milk, has given such satisfactory results, it was continued during 1907. This system will probably be continued for the reason of simplicity of administration, if for no other.

Table 30.

Work Performed by the Milk Inspectors—Six Months Ending June 30, 1907.
(Within New York.)

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens	Richmond.
Primary inspections	56,790	36,262	12,092	6,136	288	2,012
Reinspections	537	286	209	18	8	16
Total	57,327	36,548	12,301	6,154	296	2,028
Specimens of milk examined	58,820	37,271	13,478	5,884	415	1,772
Samples of milk collected	5,330	4,142	830	157	27	174
Quarts of adulterated milk destroyed	3,703	741	2,515	360	87	....
Arrests	220	94	94	21	7	4
Held on bail	219	94	94	20	7	4
Discharged	1	....	....	1	....	....
Amount of fines	$5,030 00	$2,835 00	$1,710 00	$325 00	$95 00	$65 00

TABLE 31.

Milk Inspection Within New York—Six Months Ending December 31, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens	Richmond.
Field—						
Permits issued during six months	2,246	1,271	545	248	152	30
Permits revoked during six months	2,511	1,437	496	464	85	29
For discontinuance of selling	2,271	1,271	457	460	79	4
For violation of law	240	166	39	4	6	25
Inspection—						
Regular inspections	57,807	39,176	12,448	3,557	351	2,27
Inspections at receiving stations	603	513	90	....	....	....
Total	58,410	39,689	12,538	3,557	351	2,275
*Specimens examined	57,001	36,071	14,520	3,507	637	2,266
Samples taken	8,102	6,181	1,493	158	64	206
Conditions found—						
Inspections finding milk above 50°	747	354	274	97	12	10
Rooms connected contrary to sanitary code	3,369	3,313	2	54	....	....
Ice box badly drained	5	2	3	....	....	....
Ice box unclean	26	26	....	....	....	....
Store unclean	688	687	1	....	....	....
Utensils unclean	2,038	2,017	19	2	....	....
Milk not properly cooled	273	271	2	....	....	....
Persons found selling without permit	2,059	1,554	361	121	23	....
Action taken—destruction of Milk—						
Lots of milk destroyed for being over 50°	747	354	274	97	12	10
Quarts so destroyed	15,792	8,505	4,993	989	1,225	80
Lots of milk destroyed for being sour	340	163	139	10	....	28
Quarts so destroyed	4,491	2,419	1,865	67	....	140
Lots of milk destroyed for being otherwise adulterated	20	15	5	....	....	....
Quarts so destroyed	259	203	56	....	....	....
Total quarts destroyed	20,542	11,127	6,914	1,056	1,225	220

* Several specimens may be examined at a single inspection.

TABLE 32.

Milk Inspection Outside City, 1907.

Number of Dairy Inspections	22,250
Number of Creamery Inspections	861

(a) Country Inspection.

During the year 1907, the regular and systematic inspection of dairy farms which was started systematically the previous year, was continued, with a force of sixteen Inspectors, one of whom was in charge, and has met with increased interest and co-operation on the part of producers and distributors alike. When this work was first undertaken, much was heard concerning the immediate prospect of a large number of farmers abandoning the dairy industry on account of what were then characterized as oppressive restrictions. In view of this prejudiced opinion of the effect of the inspection work of this Department, it is interesting to note that there are over 5,000 more dairies supplying this City with milk now than were found last year, and with the continually increasing demand due partly to the improved quality of the milk, and consequently higher prices offered, there is every prospect that the number of dairies supplying the City trade will be considerably increased next year.

During the year the fifteen original districts into which the milk-shed was then divided, were changed to five large districts, each of which was placed in the charge of a Supervisor, five of which were picked for their experience and judgment, and represented the best type of men in the work. The Supervisors' duties were properly to direct the efforts of the men placed under them, and to keep in touch with their progress and assist them in presenting the rules and regulations of the Department, in a way best calculated to encourage the observance of these regulations.

There have been made during the year, 22,500 inspections of dairy farms, and 861 inspections of creameries and shipping stations. Of this number, 8,900 were scored on the new inspection card of the Department, which was adopted early in the summer.

124 F—1908

Perfect Score 100%
Score Allowed.....%

File No.....

DEPARTMENT OF HEALTH

CITY OF NEW YORK

Dairy Inspection **Division of Inspections**

1 Inspection No.....Time.....A. P. M. Date.....190
2 Dairyman.....P. O. Address.....
3 Township.....County.....State.....
4 Owner.....Party Interviewed.....
5 Milk delivered at.....Formerly at.....
6 Creamery on.....R. R.....Branch.....Miles to N. Y.....
7 Creamery operated by.....Address.....
8 Distance of farm from creamery.....Occupied farm since.....
9 No. of Cows.....No. Milking.....No. Quarts produced.....
10 All persons in the households of those engaged in producing or handling milk are .....free from all infectious disease.....
11 Date and nature of last case on farm.....
12 A sample of the water supply on this farm taken for analysis.....
190.....and found to be.....
13 Size of cow barn, length.....feet. Width.....feet. Height of ceiling.....
14 Dairy Rules of the Department of Health are.....posted

		Perfect	Allow
	STABLE		
15	**COW STABLE** is.....located on elevated ground with no stagnant water, hog-pen, or privy within 100 feet.....	1	.....
16	**FLOORS** are.....constructed of concrete or some non-absorbent material	2	.....
17	Floors are.....properly graded and water-tight.....	2	.....
18	**DROPS** are.....constructed of concrete, stone or some non-absorbent material.....	2	.....
19	Drops are.....water-tight.....	2	.....
20	**FEEDING TROUGHS,** platforms or cribs are.....well lighted and clean	1	.....
21	**CEILING** is constructed of.....and is.....tight and dust proof	2	.....
22	Ceiling is.....free from hanging straw, dirt or cobwebs.....	2	.....
23	**WINDOWS** No.....total square feet..... There is.....2 square feet of window light for each 600 cu. ft. air space.....	2	.....
24	Window panes are.....washed and kept clean.....	1	.....
25	**VENTILATION** consists of..... .....which is sufficient 3, fair 1, insufficient 0	3	.....
26	**AIR SPACE** is.....cubic feet per cow. (600 and over—3) (500 to 600—2) (400 to 500—1) (under 400—0).....	3	.....
27	**INTERIOR** of stable painted or whitewashed on.....which is satisfactory 2, fair 1, never 0.....	2	.....
28	**WALLS AND LEDGES** are.....free from dirt, dust, manure or cobwebs	2	.....
29	**FLOORS AND PREMISES** are.....free from dirt, rubbish or decayed animal or vegetable matter.....	1	.....
30	**COW BEDS** are.....clean.....	1	.....
31	**LIVE STOCK,** other than cows, are.....excluded from rooms in which milch cows are kept.....	2	.....
32	There is.....direct opening from barn into silo or grain pit.....	1	.....
33	**BEDDING** used is.....clean, dry and absorbent.....	1	.....
34	**SEPARATE BUILDING** is.....provided for cows when sick.....	1	.....
35	Separate quarters are.....provided for cows when calving.....	1	.....
36	***MANURE*** *is*.....removed daily to at least 200 feet from the barn(.....ft.)	2	.....
	manure pile is.....so located that the cows cannot get at it.....	1	.....

FIG. 15.

	Perfect	Allow
38 **LIQUID MATTER** is.....absorbed and removed daily and.....allowed to overflow and saturate ground under or around cow barn	2	.....
COW YARD		
39 **COW YARD** is.....properly graded and drained.....	1	.....
40 Cow yard is.....clean, and free from manure.....	2	.....
COWS		
41 **COWS** have .....been examined by Veterinarian..... Date.....190..... Report was.....	5	.....
42 Cows have.....been tested by tuberculin, and all tuberculous cows removed	5	.....
43 Cows are.....all in good flesh and condition at time of inspection.....	2	.....
44 Cows are.....all free from clinging manure and dirt. (No. dirty.....)	4	.....
45 **LONG HAIRS** are.....kept short on belly, flanks, udder and tail.....	1	.....
46 **UDDER AND TEATS** of cows are.....thoroughly cleaned before milking	2	.....
47 **ALL FEED** is.....of good quality and all grain and coarse fodders are..... .....free from dirt and mould.....	1	.....
48 **DISTILLERY** waste or any substance in a state of fermentation or putrefaction is.....fed.....	1	.....
49 **WATER SUPPLY** for cows is.....unpolluted and plentiful.	1	.....
MILKERS AND MILKING		
50 **ATTENDANTS** are.....in good physical condition.....	1	.....
51 Clothing of milkers is.....clean.....	1	.....
52 Hands of milkers are.....washed clean before milking.....	1	.....
53 **MILKING** is.....done with dry hands.....	2	.....
54 **FORE MILK** or first few streams from each teat is.....discarded.....	2	.....
55 Milk is strained at.....and.....in clean atmosphere	1	.....
56 **MILK** is.....cooled to below 50° F. within two hours after milking and kept below 50° F. until delivered to the creamery.....°.....	2	.....
57 Milk from cows within 15 days before or 5 days after parturition is.....discarded	1	.....
UTENSILS		
58 **MILK PAILS** have.....all seams soldered flush.....	1	.....
59 Milk pails are.....of the small mouthed design, top opening not exceeding 8 inches in diameter. Diameter.....	2	.....
60 Milk utensils are.....rinsed with cold water immediately after using and washed clean with hot water and washing solution.....	2	.....
61 Racks are .....provided to expose milk pails to live steam or to the sun.....	1	.....
62 Milking stools are.....clean.....	1	.....
MILK HOUSE		
63 **MILK HOUSE** has.....hog-pen, manure pile or privy within 100 feet.....	1	.....
64 Milk house has.....direct communication with.....building	1	.....
65 Milk house has.....sufficient light and ventilation.....	1	.....
66 Floor is.....properly graded and water-tight.....	1	.....
67 Milk house is.....free from dirt, rubbish and all material not used in the handling and storage of milk.....	1	.....
68 Milk house has.....running or still supply of pure clean water.....	1	.....
69 Ice is.....used for cooling milk and is cut from.....	1	.....
WATER		
70 **WATER SUPPLY** for utensils is from a.....located .....feet deep and apparently is.....pure, wholesome and uncontaminated.....	5	.....
71 Is .....protected against flood or surface drainage.....	2	.....
72 Privy or cesspool is.....located within 100 feet (.....feet) of source of water supply.....	2	.....
73 Stable, barn-yard, pile of manure or other source of contamination is.....located within 200 feet (.....feet) of source of water supply.....	1	.....
	100	

.....

Inspector of Foods.

Fig. 15a.

These score cards differ from others of a similar nature in that they call for specific and definite information, and not information of a general character. They thus become to a certain extent automatic, and the personal equation, and the variations due thereto, are largely eliminated. Before this card was officially adopted, it was tested in conjunction with the other score cards then in use by various authorities in the United States. Several Inspectors, each with a different score card, were detailed to go over a certain number of dairy farms and score them on these various systems. Interesting data were secured at that time regarding the accuracy of some of the score cards. Some of the cards tested made a perfect total score of 500 and allowed large amounts for each item, trusting to the experience or judgment of the Inspector to score accurately. They were found usually deficient for the reason that great differences of opinions were found among the Inspectors when such cards were used; resulting in widely divergent scores on the same form, where conditions were practically unchanged between inspections. By a process of elimination and improvement the present card was arranged and adopted, and in one test was found to agree within five points on three different scorings of the same farm by three different Inspectors.

The dairy score card contains 62 items to be noted by the Inspector, and covers every feature of a dairy, be it large or small, from the construction of the dairy barn to the purity of the water supply, in a precise and accurate manner. To each of these 62 items is given a certain value, the aggregate amounting to 100, and the card is so arranged that matters pertaining to construction and equipment constitute 45 per cent.; the remaining 55 per cent. being devoted to the methods used in the production, care and handling of milk, credit for which may be obtained without added expense, and with but slightly increased effort by any careful and economical dairyman.

In the 8,900 dairies scored this year, each of the five districts was represented. The average score that was found in this entire number was 59.6 per cent. Following each inspection, a letter was addressed to the owner of the dairy, calling attention to the deficiencies that existed as indicated by the score card and making recommendations for improvements, a full compliance with which would increase the score to

100 per cent. A subsequent inspection of these premises, and the comparison of the score of the two cards, shows in mathematical proportion the improvement of this dairy.

A "Creamery Score Card" was also adopted. It is based upon the same general principle as that applying to dairies. There are 53 items to be noted, each being given its definite proportionate value in the total of 100 for a perfect score (Fig. 16).

175 F—1908

DEPARTMENT OF HEALTH

CITY OF NEW YORK

Perfect Score 100
Score Allowed.....%

DIVISION OF INSPECTIONS

CREAMERY REPORT

File.....Inspection No.....Time.....A. P. M. Date.....190.....

Location.....P. O. Address.....

County.....State.....

On.....R. R.....Branch.....Miles to N. Y.

Owner.....Address.....

Operator.....Address.....

Manager.....is.....licensed. Number of help.....

All persons engaged in handling milk are.....free from any infectious disease. Number of patrons.....

Average Butter Fat test for dairies at present.....Milk received daily.....Lbs., Qts., Cans

Milk train leaves daily at.....A. P. M. Arrives at.....N. Y. Milk Platform

Method of Pasteurizing.....Machine used.....

Cream is made by hand-skimming, separating.....Living quarters are.....located in Creamery

Butter, Cheese, Condensed Milk, Casein or Milk Sugar are.....made on the premises

Department of Health Rules are.....posted.

SHIPMENTS TO CUSTOMERS

Name.....
Address.....
.....Cans Milk
.....Cases Cream
Marks.....

Name.....
Address.....
.....Cans Milk
.....Cases Cream
Marks.....

		Perfect Score	Allowed
1	**PREMISES** surrounding creamery are.....clean.....	2	.....
2	**RECEIVING ROOM** is.....partitioned off from main milk room.....	2	.....
3	Weigh vats and storage tanks are.....covered when in use.....	4	.....
4	**MILK HANDLING ROOM** is.....used exclusively for handling milk	1	.....
5	Is.....separate from where cans are washed.....	1	.....
6	Is.....separate from where engine or boiler is located.....	1	.....
7	Is.....well lighted by.....windows.....	2	.....
8	All odors and steam are.....carried to the outside air.....	3	.....
9	**WALLS AND CEILING** are.....sheathed and dust-tight.....	2	.....
10	Are.....painted with some light colored paint.....	1	.....
11	All ledges are.....clean and free from dust and dirt.....	2	.....
12	**FLOORS** are.....free from dirt, rubbish or pools of drainage.....	2	.....
13	Are.....made of concrete, stone or some non-absorbent material.....	5	.....
14	Are.....water-tight.....	2	.....
15	Are.....so graded that all drainage is discharged at one or more points	2	.....
16	Strainers in floor are.....at least 6 inches in diameter.....	1	.....
17	**SPACE BENEATH CREAMERY** is.....dry.....	3	.....
18	Is.....free from waste or rubbish.....	1	.....
19	**DRAINS** are.....of earthenware or iron.....	2	.....
20	Are.....water-tight.....	2	.....
21	Are.....continuous from the floor level to point of disposal.....	2	.....
22	Are.....protected against freezing.....	1	.....
23	**DRAINAGE** is.....satisfactorily disposed of.....		
	.....	5	.....
24	**MILK PUMPS AND PIPES** for milk, can.....be readily taken apart	1	.....
25	Are.....thoroughly cleaned daily.....	2	.....
26	All steam and water pipes are.....painted and clean.....	1	.....
27	**MILK VATS** are.....in good repair	1	.....
28	All tin joints are.....soldered flush.....	1	.....
29	Are.....thoroughly cleaned daily.....	2	.....
30	**MILK CANS** are.....washed with hot water and washing solution.....	2	.....
31	Are.....rinsed out with clean water.....	1	.....
32	Are.....exposed to live steam for at least two minutes.....	2	.....
33	**ALL MILK** is.....protected from dust and dirt while in pools.....	2	.....
34	Is.....protected while in mixing vats or over aerators.....	2	.....
35	Is.....received at a temperature not above 60° F.....	3	.....
36	Is.....kept below 50° while held or handled on premises.....	2	.....
37	**COOLING TANKS** are.....water-tight.....	1	.....
38	Are.....made of some non-absorbent material.....	1	.....
39	Are.....supplied daily with clean water or filled with clean ice.....	1	.....
40	**WATER SUPPLY** is.....ample for all the needs of the creamery	5	.....
41	Water supply is.....apparently free from all contamination and is from		
	.....	10	.....
42	**STORAGE TANK** for water is.....cleaned regularly.....	1	.....
43	Is.....covered or protected against dirt.....	1	.....
44	**ATTENDANTS** are.....cleanly in their habits.....	2	.....
45	Garments worn by such employees are.....clean.....	2	.....
46	**PRIVY**, water closet, earth closet, tight vault is.....satisfactorily located	2	.....
47	Is.....in a cleanly condition.....	1	.....
48	**SPITTING OR SMOKING** in any part of the building is.....allowed	2	.....
	Remarks.....		
	.....	100	.....

.....Inspector of Foods

Fig. 16A.

The success of the score card system in its practice has been best shown, perhaps, by the action of a number of the larger milk companies in giving notice to their patrons that in the future the full contract price will apply only to those dairies scoring 60 per cent. or over; a somewhat lower price being given for milk from dairies scoring under 60 per cent.; and the milk from dairies scoring under 50 per cent. not being accepted at all. In certain instances a premium is paid for the milk from dairies scoring 70 per cent. and over. It will readily be seen how important such a departure is from the old custom of unhesitatingly accepting any milk that was not either skimmed or watered, regardless of the manner of its production and consequent care. Aside from its immediate effect on the quality of the milk thus produced, this system of scaling prices in proportion to the score of the dairy, gives to the score a certain commercial value in districts where this rule prevails. The high scoring farm is being recognized by a dairyman in such districts, as an asset, which it is to his interest to maintain, and increase if possible, and it is not unusual in these vicinities to have the Department's score stated on auction bill-posters, wherever the score is in excess of 60 per cent.

This system of scoring each dairy has in many sections awakened the spirit of healthy rivalry even where the score does not concern the commercial end; and this is shown by the large number of letters received from dairymen in such sections, inquiring as to the comparative values of the recommendations that have been made upon their dairies, and by how large an amount their compliance with certain of the recommendations will increase their score. Wherever such a spirit is shown, or can be awakened, there is bound to be a marked improvement in the quality of the milk.

As a result of the great interest that has been aroused by the inspection of the various sources of the milk supply of New York City, much discussion has resulted concerning the work itself, its scope, and magnitude; and many erroneous impressions anent the authority for such inspection from a legal, ethical or moral viewpoint. Partly to dispel these false impressions, partly to explain to the milk producers themselves the necessity for properly safeguarding the City's milk supply, and partly in acceptance of numerous invitations, the In-

spector in charge of the Country Inspection has been frequently detailed to attend Grange meetings and Farmers' Institutes to make addresses of an explanatory nature, and to answer whatever inquiries might be asked of him. These addresses have been supplemented by others delivered as a result of invitations, before various Agricultural Colleges, Boards of Trade, and Departments of Health of other cities. Some of the addresses have been illustrated by photographs taken by the Inspectors of conditions, good or bad, as they have been found in various parts of the country, and have proved of great assistance in explaining the real necessity for dairy inspection in a convincing manner. At one meeting in Orange County, the largest dairy county in the State, the questions asked of the speaker in every case concerned the easiest and best way of complying with the new rules. The question was asked how the farms in Orange County scored, and how they compared with other counties. Upon being told the score and how it compared favorably with other sections, the applause was spontaneous and hearty, which shows some part of the new feeling of pride in good sanitary conditions among dairies.

A large number of photographs have been taken during the year of various features of dairies and creameries. Some of these photographs show new conditions, and some of them have been taken to show previously photographed features after the compliance with recommendations which had been made for the sanitary improvement of the premises. This has proved to be a very satisfactory method of supplementing a written report.

The Inspectors assigned to Country Inspection are instructed to take samples of water used in dairies or creameries wherever there is reason to suspect pollution or contamination thereof, and there have been a large number of samples received for analysis in consequence. Whenever the analysis shows any contamination which renders the use of this water unwise or unsafe, notice of this condition is promptly sent to all concerned, *i. e.,* the owners or tenants of dairies, and the owners or operators of creameries, in order that a new supply may be provided. This is a feature of the Department's work which is undoubtedly proving most beneficial to the country districts by urging

and proving the necessity of protecting the source of the domestic water supply.

In a number of instances the Inspectors assigned to Country Division have found milk being adulterated either by the creamery manager or by the dairyman; in either case, if the milk is being shipped to the City in that condition, the Inspector, after marking the cans for identification, has followed, seized and destroyed it when it reached the City. If possible, the parties concerned have been arrested and prosecuted.

During this year, two of the largest milk-carrying railroads invited an official inspection of all the creameries located on their respective lines. The inspection party on those occasions, included the Chief Sanitary Inspector, and officials of the Department of Health and the railroad. A vast improvement was found at nearly every creamery; some of the creameries, however, had been closed, as their conditions were so bad that it would have been necessary practically to rebuild them in order to comply with the Department's recommendations.

The greatest improvement in the creameries was found in the methods of washing the cans, bottles, and utensils. This was a point upon which the Department had been very particular, with the result that a great many creameries had installed additional vats, and steam boilers had been provided for the sterilization of the cans.

Following are the Resolutions of the Board of Health, adopted March 13, 1907, in relation to Infectious diseases among milk handlers:

Resolved, That after April 1, 1907, every creamery or milk station which ships milk or cream, or both, to the City of New York, shall be required, through its agents, to furnish to the Department of Health of the said City on Monday of each week a report stating the existence or non-existence of any one of the following infectious diseases in the households of all persons employed in the collecting or handling of milk, either at the creamery or at the farms or dairies supplying it; namely, typhoid fever, tuberculosis, diphtheria, scarlet fever, dysentery, or any other infectious disease.

Resolved, That every creamery or milk station shall require each dairyman or farmer sending milk or cream or both to such creamery or milk station to report in writing on Saturday of each week as to

the existence or non-existence of any one of the above-mentioned infectious diseases in the household of every employee in his farm or dairy who is connected in any way with the care or handling of milk.

Resolved, That these weekly reports shall be kept on file at each creamery or milk station for a period of at least six months after their receipt, and shall be always open to the inspection of the representatives of the Department of Health.

Resolved, That in the case of the existence of any one of the above specified infectious diseases in the household of any person employed in collecting or handling milk either at the creamory or at the farms or dairies, the said employee shall be immediately excluded from any duties in this connection. This exclusion shall be maintained until a certificate from the attending physician has been forwarded through the creamery or milk station and its New York agents to the Department of Health, stating that the individual has completely recovered from the illness in question, and that there no longer exists any possible danger of infection.

Resolved, That when typhoid fever or dysentery exists in any household of any employee of any creamery, farm or dairy sending milk to New York City; no water from any well or spring within one hundred feet of such premises, or from any well or spring used by the household, shall be used in the barns or for cleansing milk utensils without the consent of the Department of Health.

Resolved, That blanks for these various reports from the farms, dairies, creameries or milk stations will be furnished by the Department of Health.

Resolved, That the failure of any creamery or milk station, farm or dairy, to comply with the provisions of these resolutions may be considered sufficient cause for the exclusion of such milk or cream from The City of New York.

There have been prepared and distributed the following forms, in accordance with these resolutions:

First—Weekly report blanks to be signed by each dairyman who is a creamery patron, concerning the existence or non-existence of infectious disease upon his premises, or in his household. These reports

are addressed and handed to the creamery manager each Saturday morning, and are, by him, kept on file for six months.

Second—Weekly report cards to be signed by the creamery manager, stating that he has received the requisite report from each of his patrons and summarizing cases of infectious disease, if any, reported by them. These reports are sent to the New York City Agent of the creamery each Saturday afternoon.

Third—Weekly report cards concerning the existence, or otherwise, of infectious disease, on the farms or in the households of dairymen, whose milk is shipped direct to agents in the City. These reports are sent to the New York City agents each Saturday afternoon.

Fourth—Weekly report cards concerning the existence, or otherwise, of infectious disease, on the premises or in the households of dairymen living in or near the City, and who peddle their milk themselves. These reports are sent direct to the Department every Saturday afternoon.

Fifth—Weekly report cards to be signed by dealers in the City stating the number of their sources of supply, and that a report for the preceding week had been received from each source. These reports are sent to the Department each Monday morning, and accompany the reports received from each of the various sources of supply named in it. Some difficulty was anticipated and encountered at first in securing the dairymen's reports, but as most of the milk companies have made the compliance with this rule a part of their contract, it is believed that the future working of the system will prove satisfactory, and become an additional protection to the City's milk supply.

(*b*) City Inspection.

During the year 1907 the methods of inspection of milk, while being offered for sale, have been much the same as in previous years so far as the physical examination of the milk and the sampling of it is concerned. The Inspectors of Food have been assigned to definite districts in the various Boroughs and routine inspections have been made. As usual, the Inspectors examine milk sold on wagons at receiving points and in stores where milk is sold at retail. Occasional raids have

been made in certain sections of the City and at unusual times. During the year there have been made 115,737 inspections, 8,880 samples have been taken, of which 552 have been found to be adulterated. As a result of prosecutions and in cases where the milk has been found to be below the standard, there has been collected in fines $8,125. This amount is considerably less than that collected for similar cases last year. There are several reasons for this. First, some of the milk inspectors have been detailed to special work, or to work which was not previously done by milk inspectors. Again, many of the samples included under samples taken have been those which were collected for bacteriological examination, and in these cases no prosecutions could follow. Particularly during the latter part of the year there has been an unusual surplus of milk; this surplus has been due partly to the increased price paid by the dealers to dairymen for the raw milk, and also to the decreased demand for milk in the City, on account of the increased price asked, and because of the hard times which resulted in a curtailing of expenses on the part of many consumers of milk.

In the early part of the year two Inspectors were detailed to the inspection of all the City milk plants owned by dealers who in any way handle the milk in the City. A number of pasteurizing and bottling plants exist in the City, together with many places where milk is held and stored by dealers for future delivery. All these places have been carefully inspected and as a result of the inspections many unsatisfactory conditions were found, such as improper protection of the milk from contamination by dust and dirt, improper cooling, connecting doors or passageways between stables and rooms where milk was stored or handled, lack of care in washing containers, etc.

Where improper conditions were found the dealer responsible therefor was summoned to the Department and told what improvements were necessary to render his plant sanitary. In addition, orders or notices were issued in the same manner as after inspections by the Sanitary Inspectors. As a result the conditions under which milk is handled in the City have been greatly improved.

For many years there had been complaints received from milk shippers and from Inspectors who had occasion to observe conditions at the creameries and dairies, that a considerable proportion of the

cans and bottles in which milk was shipped were being returned to the country in such a state that the mere thought of their being used for milk was repulsive; no attempt being made to wash them before leaving the City, they often contained putrid milk, refuse, garbage and indescribable filth.

Reports of these conditions were forwarded through the usual channel to the Board accompanied by exhibits of cans and bottles collected at random from milk dealers.

As there was no provision of law adequately to meet this situation, which to say the least was contributing in no small degree to the bacterial impurity of the milk offered for sale in the City, the Board of Health on February 19, 1907, adopted this additional section to the Sanitary Code:

Resolved, That section 183 of the Sanitary Code be, and the same is, hereby amended so as to read as follows:

"SECTION 183. It shall be the duty of all persons having in their possession bottles, cans or other receptacles containing milk or cream, which are used in the transportation and delivery of milk or cream, to clean said bottles, cans, or other receptacles or cause them to be cleaned immediately upon emptying.

No person shall use or cause or allow to be used any receptacle which is used in the transportation and delivery of milk or cream for any purpose whatsoever other than the holding of milk or cream; nor shall any person receive or have in his possession any such receptacle which has not been washed after holding milk or cream or which is unclean in any way."

All dealers and persons retailing milk were notified of the passage of this law and inspections were made of the cans and bottles found upon wagons as the containers were being returned to the various railroad stations for shipment to the country for refilling. The dealers on whose wagons unclean cans and bottles were found were notified of the fact and warned that the repetition of the offense would result in prosecution.

When subsequent inspections revealed continued carelessness arrests were made and convictions secured in nearly all cases. There were during the year 112 arrests made for violations of this section.

Comparatively few fines were imposed for first offences, but the efforts of the Department have resulted in greatly improved conditions. All dealers now wash cans and bottles before returning them to the country and have induced their customers to whom they sell milk in cans for the purpose of retailing, to wash their cans as soon as they are emptied, by the simple means of refusing to accept empty cans which were unclean.

The object of the law, of course, is to secure the washing of the containers as soon as they are empty by the users of the milk. Prosecutions have been made of many retail dealers who sell milk from cans in stores and shops and who have failed to wash the cans when their sales were completed. As a result of this work, cans are now being returned to the dealers in a much better condition than formerly. At the instance of the Department many dealers who filled bottles and used the paper caps, printed upon them the words, "This bottle must be washed as soon as empty by order of the Board of Health." This notice brings the law to the attention of the householders who use the milk direct from the bottle.

During the year two Inspectors have been detailed to the taking of samples of milk for bacteriological examination. About two hundred samples are procured each week and tests are made at the bacteriological laboratory to determine the number of bacteria contained in the milk. Many interesting results have been obtained. In many instances pasteurized milk was found to contain bacteria by the million, while some milk shipped from the country in raw state had very low counts, some being as low as 10,000 per c. c. When the number contained has been found to be excessive the dealers responsible for the milk have been notified by the Department of this fact and warned that the conditions must be improved. In some instances investigations undertaken as a result of these high counts, have revealed conditions of production and handling which called for specific and radical changes.

On June 26 of this year the Board of Health adopted the following revised set of Rules and Regulations for the Care and Sale of Milk:

"1. No permits for the sale of milk, condensed milk and cream shall be granted until after an application has been made in writing on blanks provided for that purpose.

2. No permit for the sale of milk, condensed milk and cream shall be granted until after the premises, where it is proposed to care for and handle such milk, condensed milk and cream, have been rendered sanitary.

3. All wagons used in the transportation of milk, condensed milk or cream, shall have a permit which shall expire on the last day of December of the year in which the permit is granted. All wagon permits now extant shall expire on December 31, 1907. Permits on all wagons engaged in the sale or transportation of milk, condensed milk or cream must be conspicuously displayed so that they may be readily seen from the street.

4. Permits for the sale of milk in stores shall be so conspicuously placed that they may be readily seen at all times.

5. Milk, condensed milk and cream must not be transferred from cans to bottles or other vessels on streets, on ferries or at railroad depots, except when transferred to the vessel for a purchaser at the time of delivery.

6. Milk, condensed milk or cream shall not be kept for sale nor stored in any stable or room used for sleeping or domestic purposes, or in any room having communication with such stable or rooms, or with water closet apartments, except when such water closet apartments are enclosed by a vestibule, and are properly ventilated to the external air.

7. Milk, condensed milk or cream must not be sold or stored in any room which is dark, poorly ventilated or dirty, or in which rubbish or useless material is allowed to accumulate, or where there are offensive odors.

8. The vessels which contain the milk, condensed milk or cream, while on sale, must be so protected by suitable covers, and must be so placed in the store, that the milk, condensed milk or cream will not become contaminated by street dust and dirt.

9. Cans containing milk, condensed milk or cream for sale, shall not be allowed to stand on the sidewalk or outside the store door.

10. Cans in which milk, condensed milk or cream is kept for sale, shall be kept either in a milk-tub, properly cooled, or a clean ice-box or

refrigerator, in which only these, or similar articles of food, are stored (see Section 53, Paragraph 9, of the Sanitary Code).

11. All cans, bottles and other receptacles in which milk, condensed milk or cream is handled, transported or sold must be thoroughly cleaned and sterilized before filling, but such cleaning shall not be done, nor shall such receptacles be filled in any place which does not conform with the provisions of Paragraph 6 of these Rules and Regulations.

12. All dippers, measures or other utensils used in handling milk, condensed milk or cream, must be kept clean and sanitary while in use, and shall be thoroughly washed and sterilized directly after each day's use.

13. The ice-box or ice-tub in which milk, condensed milk or cream is kept, must be thoroughly cleaned by scrubbing, at least twice a week.

14. The overflow pipe from the ice-box in which the milk, condensed milk or cream is kept, must not be connected directly with the drain pipe or sewer, but must discharge into a properly trapped, sewer-connected, water-supplied, open sink (see Section 34, of the Sanitary Code).

15. Any person having a contagious disease or caring for, or coming in contact with any person having a contagious disease, shall not handle milk.

16. All stores which have permits for the sale of milk, condensed milk or cream, will be frequently inspected to determine their sanitary condition, and will be scored by a system adopted by the Department of Health.

17. The revocation of permits will ensue if the score is found repeatedly below the required standard.

18. The revocation of permits will ensue for the violation of any of these Rules and Regulations.

19. The revocation of permits will ensue upon the repeated conviction of the holders thereof of violations of any section of the Sanitary Code, relating to the adulteration of milk, condensed milk or cream."

These rules are more stringent than those which were previously in force and are designed to protect the milk more fully from contaminating influences.

For the more effective enforcements of the rules embodied in this list a system of score cards for use in the inspection of milk stores has been adopted (Fig. 17).

Department of Health — **Milk Store Score Card** — **City of New York**

Address _____ **Borough of** _____ **Permit No.** _____ **Granted** _____ **190**__

Name _____

Business _____

	Perfect Score	Dates of Inspections											
1. General Surroundings Are Clean, 10. Fairly Clean, 5. Dirty, 0	10												
2. Ventilation Is Good, 2. Fair, 1. Bad, 0	2												
3. Lighting Is Good, 2. Fair, 1. Bad, 0	2												
4. Walls and Ceiling Are Clean, 2. Dirty, 0	2												
5. Floors Are Clean, 2. Fairly Clean, 1. Dirty, 0	2												
6. ATTENDANTS Are Apparently Free from Contagious Disease	8												
7. Are Cleanly in Their Habits	4												
8. Wear Clean Clothing	3												
9. Wear Clean, White Suits	2												
10. STORE Is Selling Milk Exclusively, 15. Is Selling Milk, Dairy Products, and Goods in Sealed Packages, 10. Is Selling Milk and Bakery Products, 8. Is Selling Milk and Cooked Foods, or General Groceries, 6	15												
11. MILK AFTER ITS RECEIPT AND BEFORE SALE Is Kept in a Cleanly Manner	4												
12. At a Temperature Not Above 50° F., 5. Otherwise, 0	5												
13. MILK DURING SALE Is Kept in a Clean, Properly Drained Ice Box, Used Only for Milk, 15. Other Foods Kept in Ice Box, 8. Milk Kept in a Clean, Well Covered Ice Tub, 10	15												
14. UTENSILS Are Clean, 5. Dirty, 0	5												
15. Are Sterilized Before Use	2												
16. Seams Are Soldered Flush	1												
Carried Forward	82												

FIG. 17.

	Perfect Score	Dates of Inspections											
Brought Forward	82												
17. Milk Kept at a Temperature of 45° F. or Below, 15. 45° to 50°, 10. 50° to 55°, 3. 55° or Above, 0	15												
18. A Lactometer Is Used in Testing the Milk	1												
19. A Thermometer Is Used in Testing the Milk	2												
Total Score	100												
	Dealers Supplying Milk												
	Inspector												

Remarks:

Reverse of Card.

Fig. 17a.

Three Inspectors have been detailed to make examinations of all stores where milk is sold and to note on the score card where violations of the rules are found, special attention being given to the observance of Rules 6, 10 and 12. Where violations of the rules are found, or where the score is found to be so low as to be unsatisfactory, the owner of the store is notified by letter of this fact and a reinspection is made of the store. If, on reinspection no improvement in the condition is found, the owner is given an opportunity to appear personally before the Board of Health to show cause why his permit should not be revoked. If, after this appearance the violations continue, or the score be persistently below the required amount, the permit is revoked.

During the year about 5,000 inspections have been made and the results noted on these score cards. By keeping these cards on file in a cabinet it is possible at any time to ascertain the history of any store which has a permit for the sale of milk. Many stores which were otherwise unsuitable for the sale of milk have adopted the method of building a booth in the store large enough to contain the milk can and allow of the milk being dipped into the container of the customer, with the door leading to the booth closed. This door is kept closed by a spring; the booth has sufficient window space for proper lighting and some means of ventilating the booth to the outside air is provided.

When booths are constructed in this manner and after they have been approved, a permit is granted and milk is allowed to be sold.

As a result of this more systematic inspection of stores the general condition of retail stores where milk is sold has been considerably improved. Greater improvement would undoubtedly be effected if a larger force of Inspectors were employed so that more frequent inspections could be made and violations of the rules more stringently punished.

Food Inspection.

The Inspectors of Foods detailed for other duties than those for the inspection of milk have been engaged in the investigation of a number of new matters. The most important of these are set forth here. Tables 33, 34, 35, 36 and 37 show summaries of the routine work of the Inspectors of Foods during the year.

TABLE 33.

Inspection and Condemnation of Fruit, Foods, Meat and Fish—Six Months Ending June 30, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Number of inspections	392,406	272,884	104,978	6,775	5,226	2,543
Number of pounds of fruit destroyed	3,242,325	3,055,932	156,413	28,470	1,310	200
" vegetables destroyed	1,606,443	1,327,236	216,480	45,950	852	15,925
" groceries and canned goods destroyed	218,571	215,812	1,909	850	....	....
" confectionery destroyed	25,279	25,279	....	....	....	....
" meat destroyed	1,111,004	992,110	112,324	2,510	3,898	162
" fish destroyed	106,784	105,327	495	600	362	....
" poultry and game destroyed	238,562	197,582	38,559	2,100	321	....
" milk destroyed	7,406	7,406	....	....	....	....
Total pounds of fruit, food, meats, fish and milk destroyed	6,556,374	5,926,684	526,180	80,480	6,743	16,287

TABLE 34.

Inspection and Condemnation of Meat—Six Months Ending December 31, 1907.

	Inspections.	Condemnations	Pounds condemned.
NEW YORK.			
Butcher shops	26,145	469	24,972
Stores	2,800	81	4,435
Packing houses	5,530	65	8,996
Ice houses	15,459	200	57,743
Stands	2,510	16	1,971
Vessels	267	.....	.....
Markets	537	411	159,399
Railroad depots	319	1	600
Stock yards	6,878	87	211,155
Slaughter houses	34,372	2,328	1,138,579
Commission houses	8,147	310	17,332
Fat houses	1,036	.....	.....
Licensed venders	534	1	200
Cow sale stables	2,062	.....	.....
Total	106,596	3,969	1,625,382
MANHATTAN.			
Butcher shops	17,625	294	12,546
Stores	644	4	430
Packing houses	634	6	1,485
Ice houses	8,626	93	46,855
Stands	2,269	9	450
Vessels	266	.....	.....
Markets	239	406	159,049
Railroad depots	101	1	600
Stock Yards	937	87	211,155
Slaughter houses	6,400	1,637	983,621
Commission houses	2,781	28	5,768
Fat houses	730	.....	.....
Licensed venders	472	.....	.....
Cow sale stables	.....	.....	.....
Total	41,824	2,565	1,421,959

TABLE 34—(*Continued*).

	Inspections.	Condemnations.	Pounds condemned.
BROOKLYN.			
Butcher shops	7,651	144	9,029
Stores	133	5	176
Packing houses	4,851	58	7,386
Ice houses	6,018	102	10,003
Stands	165	3	1,494
Vessels	1	.....	.....
Markets	187	5	350
Railroad depots	40	.....	.....
Stock yards	5,941	.....	.....
Slaughter houses	27,831	669	153,208
Commission houses	4,846	276	11,309
Fat houses	270	.....	.....
Licensed venders	8	.....	.....
Cow sale stables	2,062	.....	.....
Total	60,004	1,262	192,955
THE BRONX.			
Butcher shops	224	3	790
Stores	96	.....	.....
Packing houses	38	.....	.....
Ice houses	804	3	550
Stands	5	.....	.....
Vessels	.....	.....	.....
Markets	10	.....	.....
Railroad depots	178	.....	.....
Stock yards	.....	.....	.....
Slaughter houses	141	22	1,750
Commission houses	508	1	30
Fat houses	1	.....	.....
Licensed vendors	.....	.....	.....
Cow sale stables	.....	.....	.....
Total	2,005	29	3,120

TABLE 34—(*Continued*).

	Inspections.	Condemnations.	Pounds condemned.
QUEENS.			
Butcher shops	50	17	417
Stores	1,716	72	3,829
Packing houses	7	1	125
Ice houses	11	2	335
Stands	23	4	27
Vessels	.....	.....	.....
Markets	1	.....	.....
Railroad depots	.....	.....	.....
Stock yards	.....	.....	.....
Slaughter houses	.....	.....	.....
Commission houses	11	5	225
Fat houses	32	.....	.....
Licensed vendors	5	.....	.....
Cow sale stables	.....	.....	.....
Total	1,856	101	4,958
RICHMOND.			
Butcher shops	595	11	2,190
Stores	211	.....	.....
Packing houses	.....	.....	.....
Ice houses	.....	.....	.....
Stands	48	.....	.....
Vessels	.....	.....	.....
Markets	.....	.....	.....
Railroad depots	.....	.....	.....
Stock yards	.....	.....	.....
Slaughter houses	.....	.....	.....
Commission houses	1	.....	.....
Fat houses	3	.....	.....
Licensed vendors	49	1	200
Cow sale stables	.....	.....	.....
Total	907	12	2,390

TABLE 35.

Pounds of Meat Condemned and Destroyed—Six Months Ending December 31, 1907.

	New York.								Manhattan.							
	Beef.	Veal.	Sheep.	Hogs.	Assorted Meats.	Poultry.	Game.	Total.	Beef.	Veal.	Sheep.	Hogs.	Assorted Meats.	Poultry.	Game.	Total.
Butcher shops	2,885	815	285	855	12,307	7,775	50	24,972	860	505	165	440	5,849	4,727	....	12,546
Stores	1,298	120	25	640	1,978	374	....	4,435	....	....	....	....	430	....	....	430
Packing houses	1,210	745	185	1,010	5,356	465	25	8,996	100	25	10	75	1,275	....	....	1,485
Ice houses	5,006	200	301	1,250	48,466	2,520	....	57,743	250	50	....	400	43,710	2,445	....	46,855
Stands	....	50	....	....	1,156	365	400	1,971	....	50	....	....	....	....	400	450
Vessels	....	....	....	....	....	....	....	.....	....	....	....	....	....	....	....	.....
Markets	7,500	7,423	40	600	1,200	137,786	4,850	159,399	7,500	7,423	40	600	1,200	137,436	4,850	159,049
Railroad depots	....	....	....	....	....	600	....	600	....	....	....	....	....	600	....	600
Stock yards	97,400	78,615	27,040	8,100	....	....	....	211,155	97,400	78,615	27,040	8,100	....	....	....	211,155
Slaughter houses	528,767	50,742	56,751	210,652	241,400	49,392	875	1,138,579	448,502	20,062	54,661	210,592	233,624	16,180	....	983,621
Commission houses	1,268	532	162	150	2,712	12,106	402	17,332	1,000	....	....	....	200	4,318	250	5,768
Fat houses	....	....	....	....	....	....	....	.....	....	....	....	....	....	....	....	.....
Licensed venders	....	....	....	....	200	....	....	200	....	....	....	....	....	....	....	.....
Total	645,334	139,242	84,789	223,257	314,775	211,383	6,602	1,625,382	555,612	106,730	81,916	220,207	286,288	165,706	5,500	1,421,959

TABLE 35—(*Continued*).

	Brooklyn.								Bronx.							
	Beef.	Veal.	Sheep.	Hogs.	Assorted meats.	Poultry.	Game.	Total.	Beef.	Veal.	Sheep.	Hogs.	Assorted meats.	Poultry.	Game.	Total.
Butcher shops	870	245	100	100	5,141	2,573	.....	9,029	320	.....	20	.....	.....	450	.....	790
Stores	.....	.....	.....	75	81	20	.....	176	.....	.....	.....	.....	.....	.....	.....	.....
Packing houses	1,110	720	175	935	4,081	365	.....	7,386	.....	.....	.....	.....	.....	.....	.....	.....
Ice houses	4,756	.....	101	850	4,221	75	.....	10,003	.....	150	200	.....	200	.....	.....	550
Stands	.....	.....	.....	.....	1,129	365	.....	1,494	.....	.....	.....	.....	.....	.....	.....	.....
Vessels	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Markets	.....	.....	.....	.....	.....	350	.....	350	.....	.....	.....	.....	.....	.....	.....	.....
Railroad depots	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stock yards	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Slaughter houses	80,265	30,680	2,090	60	7,776	31,462	875	153,208	.....	.....	.....	.....	.....	1,750	.....	1,750
Commission houses	268	502	162	.....	2,437	7,788	152	11,309	.....	30	.....	.....	.....	.....	.....	30
Fat houses	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Licensed venders	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	87,269	32,147	2,628	2,020	24,866	42,998	1,027	192,955	320	180	220	.....	200	2,200	.....	3,120

TABLE 35—(*Continued*).

	Queens.								Richmond.							
	Beef.	Veal.	Sheep.	Hogs.	Assorted meats.	Poultry.	Game.	Total.	Beef.	Veal.	Sheep.	Hogs.	Assorted meats.	Poultry.	Game.	Total.
Butcher shops	210	.....	.....	115	67	35	.....	417	625	65	.....	200	1,850	.....	50	2,190
Stores	1,298	120	25	565	1,467	354	.....	3,829	.....	.....	.....	.....	.....	.....	.....	.....
Packing houses	.....	.....	.....	.....	.....	100	25	125	.....	.....	.....	.....	.....	.....	.....	.....
Ice houses	.....	.....	.....	.....	335	.....	.....	335	.....	.....	.....	.....	.....	.....	.....	.....
Stands	.....	.....	.....	.....	27	.....	.....	27	.....	.....	.....	.....	.....	.....	.....	.....
Vessels	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Markets	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Railroad depots	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stock yards	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Slaughter houses	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Commission houses	.....	.....	.....	150	75	.....	.....	225	.....	.....	.....	.....	.....	.....	.....	.....
Fat houses	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Licensed venders	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	600	.....	.....	600
Total	1,508	120	25	830	1,971	479	25	4,958	625	65	.....	200	1,450	.....	50	2,390

TABLE 36.

Inspection and Condemnation of Fruit, Fish and Other Foods—Six Months Ending December 31, 1907.

	New York.			Manhattan.			Brooklyn.		
	Inspections.	Condemnations.	Pounds Condemned.	Inspections.	Condemnations.	Pounds Condemned.	Inspections.	Condemnations.	Pounds Condemned.
Commission houses	39,387	1,757	1,243,449	30,846	1,095	981,809	7,015	459	218,150
Retail stores	40,315	2,100	349,003	33,220	1,914	281,880	435	12	818
Licensed venders	47,810	2,636	62,314	40,997	2,562	48,095	6,567	49	6,450
Vessels and wharves	2,569	362	2,621,840	2,461	337	2,568,205	98	24	53,600
Railroad depots	1,741	172	1,114,100	1,449	120	1,087,750	48	.....	.....
Stands	86,105	10,961	112,041	74,640	10,640	95,844	11,112	281	13,877
Markets	5,100	82	35,135	3,449	46	26,090	1,604	5	3,170
Ice houses	1,837	3	119,110	1,675	3	119,110	115	.....	.....
Push carts	73,284	17,771	217,980	60,770	16,725	159,480	12,510	1,046	58,500
Total	298,154	35,844	5,874,972	249,507	33,442	5,368,263	39,504	1,876	354,565

TABLE 36—(*Continued*).

	The Bronx.			Queens.			Richmond.		
	Inspections.	Condemnations.	Pounds. Condemned.	Inspections.	Condemnations.	Pounds. Condemned.	Inspections.	Condemnations.	Pounds. Condemned.
Commission houses	1,441	197	42,090	22	.....	.....	63	6	1,400
Retail stores	2,236	16	1,409	1,663	96	4,708	2,761	84	62,188
Licensed venders	35	.....	.....	6	.....	.....	201	81	7,760
Vessels and wharves	4	.....	.....	.....	.....	.....	6	1	16
Railroad depots	228	52	26,350	.....	.....	.....	16	.....	.....
Stands	343	37	1,995	3	.....	.....	7	3	101
Markets	50	31	5,875	2	.....	.....	1	.....	.....
Ice houses	37	.....	.....	9	.....	.....	1	.....	.....
Push carts	3	.....	.....	.....	.....	.....	1	.....	.....
Total	4,377	333	77,719	1,705	96	4,708	3,061	97	64,717

TABLE 37.

Pounds of Fruit, Fish, and Other Foods Condemned and Destroyed—Six Months Ending December 31, 1907.

	New York.								
	Fruit.	Vegetables.	Canned Goods.	Confectionery.	Groceries.	Eggs.	Fish.	Miscellaneous.	Total.
Commission houses	969,240	219,671	1,351	2,700	1,600	3,845	41,543	3,745	1,243,449
Retail stores	47,098	73,343	9,173	210,141	3,696	1,775	3,309	222	349,003
Licensed venders	13,330	8,190	144	.....	.....	.....	40,225	425	62,314
Vessels and wharves	2,035,090	431,435	.....	.....	146,215	.....	9,100	.....	2,621,840
Railroad depots	1,012,685	101,415	.....	.....	.....	.....	.....	.....	1,114,100
Stands	42,170	61,056	2,040	140	5	500	6,130	.....	112,041
Markets	5,795	8,245	.....	.....	.....	46,610	21,070	25	35,135
Ice houses	3,600	.....	.....	.....	.....	20	68,900	.....	119,110
Push carts	169,183	48,227	.....	50	.....	.....	500	.....	217,980
Total	4,298,191	951,582	12,708	213,031	151,516	52,750	190,777	4,417	5,874,972

TABLE 37—(*Continued*).

	Manhattan.								
	Fruit.	Vegetables.	Canned Goods.	Confectionery.	Groceries.	Eggs	Fish.	Miscellaneous.	Total.
Commission houses	800,635	127,886	430	2,500	1,600	3,570	41,443	3,745	981,809
Retail stores	39,037	28,501	55	210,086	46	1,450	2,505	200	281,880
Licensed venders	5,920	1,465	.....	.....	.....	.....	40,225	425	48,095
Vessels and wharves	1,984,290	428,600	.....	.....	146,215	.....	9,100	.....	2,568,205
Railroad depots	992,535	95,215	.....	.....	.....	.....	.....	.....	1,087,750
Stands	31,188	56,466	2,040	140	5	130	5,875	.....	95,844
Markets	3,995	1,145	.....	.....	.....	.....	20,950	.....	26,090
Ice houses	3,600	.....	.....	.....	.....	46,610	68,900	.....	119,110
Push carts	129,275	29,635	.....	50	.....	20	500	.....	159,480
Total	3,990,535	768,913	2,525	212,776	147,866	51,780	189,498	4,370	5,368,263

TABLE 37—(*Continued*).

	Brooklyn.								
	Fruit.	Vegetables.	Canned Goods.	Confectionery.	Groceries.	Eggs.	Fish.	Miscellaneous.	Total.
Commission houses	135,550	82,200	100	200	.....	.....	100	.....	218,150
Retail stores	600	150	.....	.....	.....	.....	68	.....	818
Licensed venders	4,625	1,825	.....	.....	.....	.....	.....	.....	6,450
Vessels and wharves	50,800	2,800	.....	.....	.....	.....	.....	.....	53,600
Railroad depots	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stands	9,837	3,415	.....	.....	.....	370	255	.....	13,877
Markets	.....	3,100	.....	.....	.....	.....	70	.....	3,170
Ice houses	.....	.....	.....	.....	.....	.....	.....	.....	.....
Push carts	39,908	18,592	.....	.....	.....	.....	.....	.....	58,500
Total	241,320	112,082	100	200	.....	370	493	.....	354,565

TABLE 37—(*Continued*).

	The Bronx.								
	Fruit.	Vegetables.	Canned Goods.	Confectionery.	Groceries.	Eggs.	Fish.	Miscellaneous.	Total.
Commission houses	32,530	9,260	300	.....	.....	.....	.....	.....	42,090
Retail stores	375	475	110	.....	10	225	200	14	1,409
Licensed venders	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vessels and wharves	.....	.....	.....	.....	.....	.....	.....	.....	.....
Railroad depots	20,150	6,200	.....	.....	.....	.....	.....	.....	26,350
Stands	970	1,025	.....	.....	.....	.....	.....	.....	1,995
Markets	1,800	4,000	.....	.....	.....	.....	50	25	5,875
Ice houses	.....	.....	.....	.....	.....	.....	.....	.....	.....
Push carts	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	55,825	20,960	410	.....	10	225	250	39	77,719

TABLE 37—(*Continued*).

	Queens.								
	Fruit.	Vegetables.	Canned Goods.	Confectionery.	Groceries.	Eggs.	Fish.	Miscellaneous.	Total.
Commission houses	.....	.....	.....	.....	.....	.....	.....	.....	.....
Retail stores	1,956	1,822	246	.....	240	.....	436	8	4,708
Licensed venders	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vessels and wharves	.....	.....	.....	.....	.....	.....	.....	.....	.....
Railroad depots	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stands	.....	.....	.....	.....	.....	.....	.....	.....	.....
Markets	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ice houses	.....	.....	.....	.....	.....	.....	.....	.....	.....
Push carts	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	1,956	1,822	246	.....	240	.....	436	8	4,708

TABLE 37—(*Continued*).

	Richmond.								
	Fruit.	Vegetables.	Canned Goods.	Confectionery.	Groceries.	Eggs.	Fish.	Miscellaneous.	Total.
Commission houses	525	325	275	.....	.....	275	.....	.....	1,400
Retail stores	5,130	47,395	9,008	55	3,400	100	100	.....	60,188
Licensed venders	2,725	4,900	144	.....	.....	.....	.....	.....	7,769
Vessels and wharves	.....	35	.....	.....	.....	.....	.....	.....	35
Railroad depots	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stands	175	150	.....	.....	.....	.....	.....	.....	325
Markets	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ice houses	.....	.....	.....	.....	.....	.....	.....	.....	.....
Push carts	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	8,555	47,805	9,427	55	3,400	375	100	.....	69,717

Much attention was paid to the sale of eggs which were partially decomposed, such eggs being known commercially as "spot eggs." The eggs were used almost exclusively by bakers, either in the shell or liquid form—in some instances the liquid form being found to be partially preserved by the use of borax or boric acid. Condemnation amounting to over 52,299 pounds of these eggs were made and arrests and prosecutions in the criminal courts have resulted in the abolition of this trade. These results were made possible by the co-operation of merchants who did not countenance the trafficking in material which was not fit for human food.

TABLE 38.

Summary of Food Samples Obtained and Results of Analyses, 1907.

	Samples Obtained and Delivered to Chemical Laboratory.						Found Adulterated.					
	New York.	Manhattan.	Brooklyn	The Bronx.	Queens.	Richmond.	New York.	Manhattan.	Brooklyn	The Bronx.	Queens.	Richmond.
Baking powder	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Canned fish	7	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Canned meat	5	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Canned vegetables	60	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Catsup and sauce	18	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cocoa	6	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Coffee	4	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Condensed milk	129	129	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Confectionery	72	72	.....	.....	.....	.....	3	3	.....	.....	.....	.....
Drugs	193	193	.....	.....	.....	.....	20	20	.....	.....	.....	.....
Flavoring extracts	111	81	30	.....	.....	.....	3	3	.....	.....	.....	.....
Honey	13	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jam, Jelly, and preserved fruits	36	36	.....	.....	.....	.....	1	1	.....	.....	.....	.....
Olive oil	11	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Prepared mustard	7	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Spices	10	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Soups	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Syrup	35	35	.....	.....	.....	.....	1	1	.....	.....	.....	.....
Tea	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vinegar	8	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Miscellaneous	101	101	.....	.....	.....	.....	7	7	.....	.....	.....	.....
Total	831	801	30	.....	.....	.....	35	35	.....	.....	.....	.....

At various times throughout the year many samples of drugs were obtained for analysis to determine compliance or non-compliance with the provisions of Section 69 of the Sanitary Code. Especial attention was paid to catarrh powders, snuffs and articles of similar nature, as it had been discovered by analysis that many, if not all of them, contained cocaine, in violation of the following section of the Sanitary Code:

"SEC. 182. No cocaine or salt of cocaine, either alone or in combination with other substances, shall be sold at retail by any person in the City of New York except upon the prescription of a physician."

Many arrests were made and convictions obtained. In one instance a sentence of six months in the penitentiary was imposed.

Inspections have also been made of all the candy manufactories, canning establishments and pickle factories in the Borough of Manhattan, and a large number of notices issued to enforce sanitary conditions.

The inspection of meat has been conducted as in former years. Inspectors in the slaughter-houses have supervised the slaughter of animals for food purposes, as set forth in the following table.

TABLE 39.

Slaughter of Animals.

West Side.

	Cattle.	Sheep and Lambs.	Calves.	Hogs.	Total.
January	10,854	45,153	4,495	89,045	149,547
February	9,834	32,635	4,553	67,177	114,199
March	9,108	29,162	6,383	66,008	110,661
April	10,712	29,052	10,120	68,056	117,940
May	12,996	30,259	13,155	70,293	126,703
June	13,856	35,375	10,097	62,177	121,505
July	14,064	52,679	11,738	65,310	143,791
August	11,554	49,335	8,545	54,888	124,322
September	12,067	48,863	6,655	59,704	127,289
October	13,353	59,509	6,221	89,988	169,071
November	11,226	67,733	7,251	83,339	169,549
December	12,230	75,336	4,521	91,931	184,048
Total	141,854	555,121	93,734	867,916	1,658,625

TABLE 39—(*Continued*).

East Side.

	Cattle.	Sheep and Lambs.	Calves.	Hogs.	Total.
January	30,700	81,782	10,349	.....	122,831
February	27,854	61,079	8,894	.....	97,827
March	33,888	60,664	12,148	.....	106,700
April	31,253	67,128	24,521	.....	122,902
May	32,274	73,407	28,410	.....	134,091
June	28,416	74,590	21,519	.....	124,525
July	28,851	101,811	20,839	.....	151,501
August	26,104	83,885	17,494	.....	127,483
September	24,078	71,273	12,186	.....	107,537
October	31,253	87,237	13,830	.....	132,320
November	27,500	90,811	10,239	.....	128,550
December	24,821	87,152	8,912	.....	120,885
East Side, Total	346,992	940,819	189,341	.....	1,477,152
West Side, Total	141,854	555,121	93,734	867,916	1,658,625
Grand Total	488,846	1,495,940	283,075	867,916	3,135,777

There were also killed during 1907, 4,774,200 head of poultry.

As by-products of the slaughtering industry there were treated in the Borough of Manhattan, Fat, Lard and Grease and Fertilizer, as follows:

TABLE 40.

Treatment of Fat, Lard and Grease and Fertilizer.

West Side.

	Fat.	Lard and Grease.	Fertilizer.
January	2,850,871 lb.	234,500 lb.	238 tons.
February	2,563,487 "	166,350 "	213 "
March	2,688,746 "	154,150 "	215 "
April	2,733,388 "	151,046 "	225 "
May	2,958,659 "	153,265 "	259 "
June	3,063,299 "	130,370 "	411 "
July	2,957,039 "	150,250 "	270 "
August	2,846,109 "	98,250 "	251 "
September	2,684,689 "	116,660 "	269 "
October	2,780,275 "	207,570 "	300 "
November	3,433,034 "	216,537 "	321 "
December	2,629,353 "	218,550 "	306 "
Total	34,188,949 lb.	1,997,498 lb.	3,278 tons.

TABLE 40—(*Continued*).

East Side.

	Fat.	Lard and Grease.	Fertilizer.
January	6,703,724 lb.	.....	372 tons.
February	4,862,048 "	.....	369 "
March	4,788,064 "	.....	388 "
April	5,488,206 "	.....	372 "
May	5,405,296 "	.....	389 "
June	4,802,106 "	.....	390 "
July	4,684,502 "	.....	345 "
August	4,029,328 "	.....	416 "
September	3,640,190 "	.....	357 "
October	4,065,088 "	.....	371 "
November	3,950,347 "	.....	372 "
December	3,630,590 "	.....	326 "
East Side, Total	56,049,489 lb.	.....	4,467 tons.
West Side, Total	34,188,949 "	1,997,498 lb.	3,278 "
Grand Total	90,238,438 lb.	1,997,498 lb.	7,745 tons.

LODGING HOUSE INSPECTION.

Table 41 shows the number of inspections of lodging houses made by this Division and the number of permits issued during the year.

TABLE 41.

Lodging House Inspection, Year 1907.

	Permits.	Inspections.
New York	144	2,239
Manhattan	113	1,443
Brooklyn	30	708
The Bronx	1	2
Queens	.....	.....
Richmond	.....	86

Shore Inspection.

Table 42 shows the number of inspections and the character of the refuse found on shore patrol in the Boroughs of Brooklyn and Richmond, where this class of inspection is carried on by this Division.

Table 42.

Shore Inspection, Year 1907.

	Brooklyn.	Richmond.
Inspections	3,079	1,862
Found and disposed of—		
Human bodies	6	.....
Carcases of animals—		
Dogs	247	1,232
Cats	173	602
Rats	327	4
Goats	1	80
Sheep	5	209
Hogs	3	105
Calves	2	1
Horses	4	28
Fowls	162	723
Sea turtle	.....	1
Fish	128	378
Pieces of offal	460	.....
Pieces of meats	863	1,040
Pieces of bedding	179	342
Pieces of clothing	260	1,103
Number of Mattresses	259	709

Complaints and Criminal Actions.

The records of complaints, their disposition, together with the results of criminal prosecutions arising therefrom, are tabulated in Tables 43, 44 and 45, as follows:

Table 43.

Complaints Forwarded for Orders, Notices, and Complaints Returned Negative—Six Months Ending June 30, 1907.

Sanitary Inspectors.

	New York.	Manhattan.	Brooklyn.	Bronx.	Queens	Richmond
Number of Complaints forwarded for orders.....	8,021	4,235	1,084	518	1,315	869
" Complaints returned negative.....	3,552	1,527	1505	231	248	41

Milk, Food and Meat Inspectors.

	New York.	Manhattan.	Brooklyn.	Bronx.	Queens	Richmond.
Number of Complaints forwarded for orders.....	992	784	16	189	3	....
" Complaints returned negative.....	381	313	40	28	....	....

Sanitary Police.

	New York.	Manhattan.	Brooklyn.	Bronx.	Queens	Richmond.
Number of Complaints forwarded for orders.....	3,457	1,421	656	570	443	367
" Negative Reports forwarded.....	4,359	1,973	1,679	616	70	21

TABLE 44.

Disposition of Complaints Investigated—Division of Inspections—Six Months Ending December 31, 1907.

	New York.						Manhattan.					
	General Sanitary Inspection.	Milk.	Meat.	Fruit, Fish, and Other Foods.	Mercantile.	Total.	General Sanitary Inspection.	Milk.	Meat.	Fruit, Fish, and Other Foods.	Mercantile.	Total.
Complaints investigated	24,349	282	466	733	708	26,529	10,756	282	451	410	420	12,319
Duplicates	751	.....	1	2	1	755	333	.....	1	1	.....	335
No cause for action	7,729	136	112	393	16	8,386	3,492	136	101	294	7	4,030
Complaints found valid and referred to other departments	1,911	3	.....	.....	.....	1,914	668	3	.....	.....	.....	671
Complaints found valid and returned for notice or orders	13,949	143	353	338	691	15,474	6,263	143	349	115	413	7,283

	Brooklyn.						The Bronx.					
	General Sanitary Inspection.	Milk.	Meat.	Fruit, Fish, and Other Foods.	Mercantile.	Total.	General Sanitary Inspection.	Milk.	Meat.	Fruit, Fish, and Other Foods.	Mercantile.	Total.
Complaints investigated	6,101	.....	12	125	21	6,259	2,780	.....	.....	198	266	3,244
Duplicates	64	.....	.....	.....	.....	64	197	.....	.....	1	1	199
No cause for action	2,723	.....	9	50	6	2,788	968	.....	.....	49	2	1,019
Complaints found valid and referred to other departments	737	.....	.....	.....	.....	737	261	.....	.....	.....	.....	261
Complaints found valid and returned for notice or order	2,577	.....	3	75	15	2,670	1,354	.....	.....	148	263	1,765

TABLE 44—(*Continued*).

	Queens.						Richmond.					
	General Sanitary Inspection.	Milk.	Meat.	Fruit, Fish, and Other Foods.	Mercantile.	Total.	General Sanitary Inspection.	Milk.	Meat.	Fruit, Fish, and Other Foods.	Mercantile.	Total.
Complaints investigated	2,114	..	3	..	1	2,118	2,589	..	..	..	..	2,589
Duplicates	77	..	..	..	..	77	80	..	..	..	..	80
No cause for action	387	..	2	..	1	390	159	..	..	..	..	159
Complaints found valid and referred to other departments	178	..	..	..	..	178	67	..	..	..	..	67
Complaints found valid and returned for notice or order	1,472	..	1	..	..	1,473	2,283	..	..	..	..	2,283

TABLE 45.

Summary of Criminal Actions—Six Months Ending June 30, 1907.

	New York.	Manhattan	Brooklyn.	The Bronx.	Queens.	Richmond
Arrests	3,178	2,697	280	179	14	8
Person held on bail	836	503	273	43	11	6
Person discharged	368	296	7	64	..	1

Summary of Criminal Actions—Six Months Ending December 31, 1907.

	General Inspection.	Milk.	Meat.	Fruit, Fish and Other Foods.	Mercantile.	Total.
Arrests	1,312	499	10	100	....	1,921
Held on bail	77	393	9	91	....	570
Discharged	275	60	1	14	....	354
Trials	1,308	392	7	98	....	1,805
Fines	$2,252 23	$3,247 00	$280 00	$801 00	....	$6,580 23
Suspended	....	130	....	16	....	146

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Arrests	1,921	1,605	226	70	13	7
Held on bail	570	417	125	9	12	7
Discharged	354	232	86	35	1	....
Trials	1,805	1,551	193	61	....	....
Fines	$6,580 23	$6,201 21	$262 00	$27 02	$10 00	$80 00
Suspended	146	146	....	....	....	....

TABLE 46.

Dead Animals, Offal, and Night Soil Ordered Removed, 1907.

	New York.	Manhattan.	Brooklyn.	The Bronx.	Queens.	Richmond.
Carcases ordered removed—						
Large animals—						
Horses	22,753	12,103	6,344	1,729	1,976	601
Mules	43	31	.....	10	.....	2
Donkeys	14	10	.....	2	.....	2
Colts	83	56	12	11	3	1
Ponies	5	3	.....	.....	.....	2
Cows	336	166	26	27	60	57
Deers	1	1	.....	.....	.....	.....
Total large animals	23.235	12,370	6,382	1,779	2,039	665
Small animals—						
Calves	1,018	993	6	.....	11	8
Sheep	543	543	.....	.....	.....	.....
Goats	117	41	50	.....	20	6
Hogs	123	111	.....	.....	11	1
Pigs	.....	.....	.....	.....	.....	.....
Cats and dogs from streets	89,934	51,939	17,417	12,997	1,944	5,637
Cats and dogs from public pound	105,836	78,758	25,858	.....	.....	1.720
Other small animals	5	Leopard 1 Seals 2	Rabbit 1	.....	.....	Seal 1
Total small animals	197,576	131,888	43,332	12,997	1,986	7,373
Total all animals	220,811	144,258	49,714	14.776	4,025	8,038
Quantity of meat, offal, etc., ordered removed—						
Pounds of meat	123,365	122,765	600	.....	.....	.....
Pounds of poultry	286,150	285,950	.....	.....	200	.....
Pounds of rabbits	56	16	.....	.....	.....	40
Pounds of fish	782,328	781.328	1,000	.....	.....	.....
Pounds of offal	3,678,459	1,667,059	2,011,400	.....	.....	.....
Total pounds	4,870,358	2,857,118	2,0[illegible],000	.....	200	40
Quantity of night soil removed—						
Cubic yards of night soil removed	1,676.5	59.5	777	.....	840	.....

DIVISION OF COMMUNICABLE DISEASES.

The work of this Division, throughout the various Boroughs, has progressed very satisfactorily. Certain important changes in the methods of registration, etc., have been made, among them the following:

Every case of communicable disease reported to the Department of Health is now acknowledged—institutions by postal card (233 L) and physicians by letter (16 L), with which letter is sent appropriate literature.

The reports and records have been changed to conform with the new system advocated by the Bureau of Municipal Research. The following record books are now kept by the Inspector-in-Charge of each Borough and are inspected at frequent intervals by the Chief of Division:

1. Daily Journal—Communicable diseases.

2. Weekly Record—Work of each individual Nurse and Inspector and weekly report of the Borough office. This record is also kept in the tuberculosis clinics.

3. Daily Fumigation Journal.

4. Daily Record of Changes in Tuberculosis Files.

5. Daily Journal of Original Complaints (renovations).

Up to the present time no proper advantage had been taken of the wealth of statistical material afforded by the investigation by the Department of Health of the various communicable diseases. Large tabulation-sheets for tuberculosis [general (252 L), clinic (253 L)], typhoid (250 L), cerebro-spinal meningitis (249 L), and diphtheria (251 L) have therefore been prepared, by the use of which exact statistics will be obtained as to age, sex, race, etc., in the different communicable diseases during 1907.

Chart No. 1 shows the number of cases and deaths occurring weekly from tuberculosis, diphtheria, typhoid fever, cerebro-spinal meningitis and pneumonia in Greater New York for 1907. The various diseases will be discussed under their proper headings further on in this report.

CHART No. 1.

DIVISION OF COMMUNICABLE DISEASES.

Comparative Table, Cases and Deaths, Communicable Diseases, Greater City of New York, Year 1907.

Upper lines.....**Cases.**
Lower lines.....**Deaths.**
Blue.....Tuberculosis.
Red .....Diphtheria.
Yellow.....Typhoid Fever.
Black.....Cerebro-spinal meningitis—(solid line, cases; dotted, deaths).
Green .....Pneumonia (deaths only).

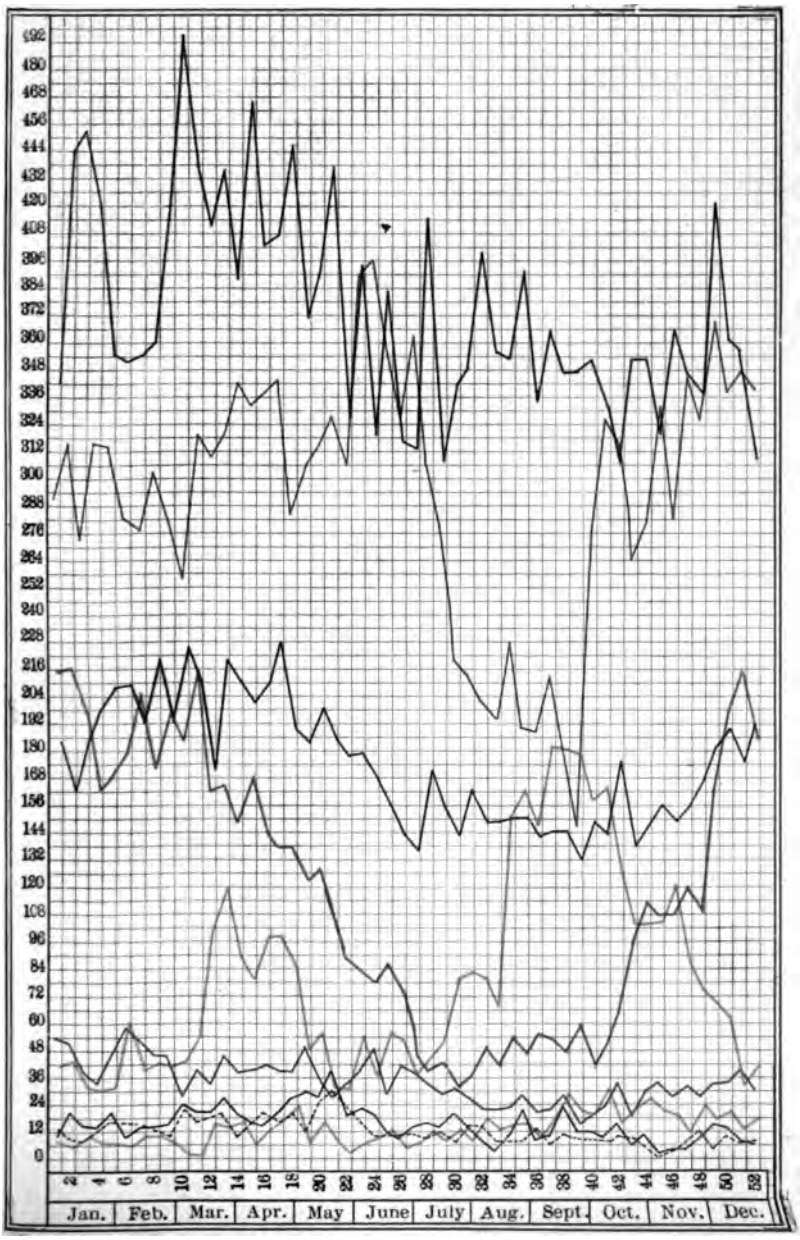


Table 47 gives a summary of the inspections, visits, etc., made by the employees of the Division of Communicable Diseases for the years 1906 and 1907.

TABLE 47.

Summary of Inspections, Visits, Etc., Division of Communicable Diseases—1906-1907.

	Cases Visited.		Visits to Cases.				Disinfections Ordered, 1907.		Removals to Hospitals, 1907.
			Inspectors.		Nurses.				
	1906.	1907.	1906.	1907.	1906.	1907.	Premises.	Goods.	
Tuberculosis	16,839	16,530	17,657	17,562	38,324	44,025	8,001	3,974	1,375
Diphtheria	4,716	5,151	12,014	13,816	.....	.....	.....	.....	.....
Typhoid	3,467	3,329	4,382	6,791	.....	.....	798	501	.....
Cerebro-spinal meningitis	1,032	828	3,135	2,370	.....	.....	557	239	.....
Malarial fever	64	69	64	69	.....	.....	.....	.....	.....
Pneumonia	.....	.....	.....	.....	.....	.....	.....	.....	.....
Erysipelas	.....	.....	.....	.....	.....	.....	.....	.....	.....
Puerperal septicemia	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other	.....	.....	7,168	6,099	.....	.....	.....	.....	.....
Total	26,118	25,907	44,420	46,707	38,324	44,025	9,356	4,714	1,375

While the total number of cases of communicable diseases visited was about the same, yet 2,300 more visits were made by Inspectors during 1907. The inspections made by Nurses were one-third less than in 1906, owing to the fact that many more of the cases of tuberculosis were cared for by the Associated Tuberculosis Clinics.

Over 2,000 more fumigation orders were issued in 1907 than in 1906.

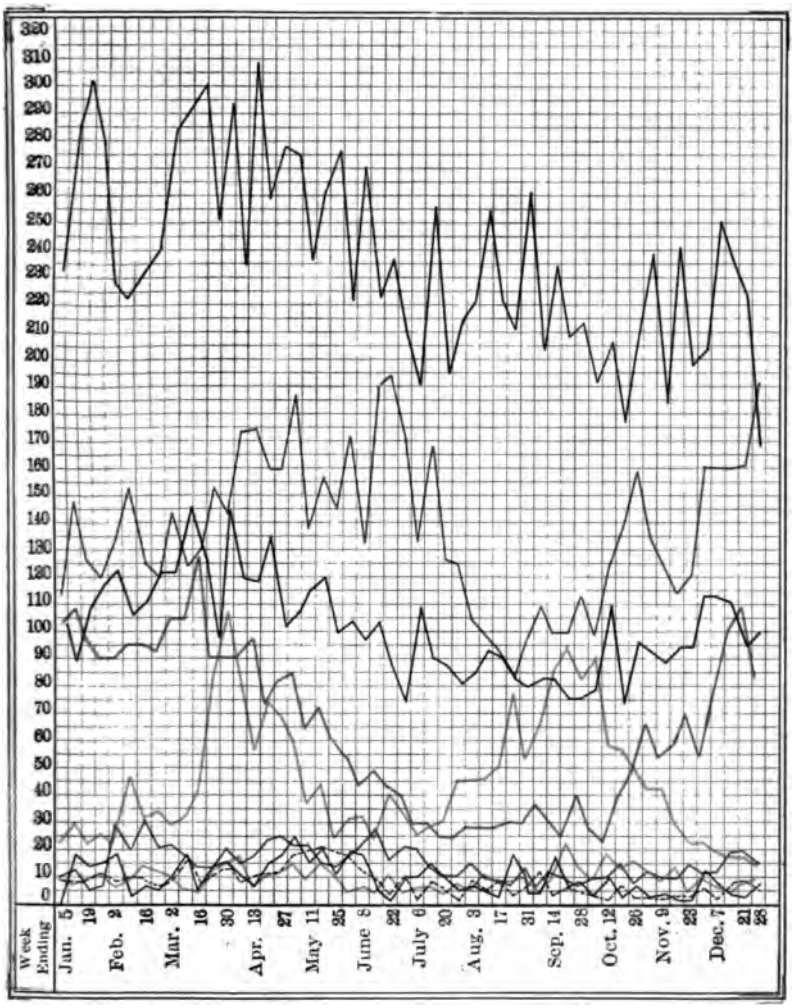
During the year the work of the Borough offices other than Manhattan has been materially increased by the transfer from the Diagnosis Laboratory to these offices of all clerical work in connection with the reporting of diphtheria cultures.

Chart No. 2 shows the weekly course of the cases and deaths from communicable diseases in Manhattan. It corresponds in general with those of former years, with the exception of a sharp outbreak of typhoid fever during the months of March and April, which will be discussed elsewhere.

CHART No. 2.

WEEKLY COURSE OF COMMUNICABLE DISEASES, BOROUGH OF MANHATTAN, 1907.

Explanation—Blue.....Tuberculosis.
Red.....Diphtheria.
Green.....Pneumonia (deaths only).
Yellow.....Typhoid Fever.
Black.....Cerebro-spinal meningitis (solid line, cases; dotted line, deaths.
Upper lines....Cases.
Lower lines....Deaths.



(a) *Manhattan.*

No important changes were made in the Manhattan office during the year 1907, other than the detailing of an Assistant to the Inspector-in-Charge.

(b) *The Bronx.*

Owing to the increased prevalence of typhoid fever in this Borough an additional Inspector was assigned to duty in the early autumn. Later, the antitoxin and general inspection work having grown too heavy for the staff of three Inspectors, this additional Inspector was assigned to regular district duty and given instruction in intubation. The force now consists of four Inspectors, two being on duty each alternate twelve hours and each alternate Sunday and holiday.

(c) *Brooklyn.*

No important changes have been made in this Borough.

(d) *Queens.*

In February, 1907, an office of the Division of Communicable Diseases was established in Jamaica, the work having been done in Manhattan previous to that time. Excellent offices were assigned to the use of the Division.

In July, 1907, an additional Inspector was assigned to duty in Queens and the Borough was divided into three districts, the Inspector-in-Charge taking a district in addition to his office and other duties.

(e) *Richmond.*

Owing to the outbreak of typhoid fever in the Borough of Richmond in the early autumn of 1907, an additional Inspector was assigned to duty in that Borough. Since that time she has been instructed in the administration of antitoxin and intubation and has assisted the Inspector-in-Charge.

Sanitary Supervision of Pulmonary Tuberculosis.

No important changes have been made in the system of registration and sanitary supervision of pulmonary tuberculosis, but it has been improved and added to in a number of ways. All cases from institutions are now reported by telephone and are at once assigned by the same means to the District Inspectors and Nurses, the record cards not leaving the office and being always available for reference. The Inspectors' and Nurses' reports of the work done on the previous day are received by telephone each morning and entered on the record cards. In this way there is a great saving of time; fumigations are now done from three to five days sooner than previously.

A special postal (245 L) has been printed on which attending physicians notify the Department of any change of address or discontinuance of treatment on the part of their patients. These postals are forwarded to the physician with the letter of acknowledgment.

A circular in relation to "Consumption Cures" (Form 229 L) was printed during the year and is distributed to all cases of tuberculosis not under a physician's care.

A "Handbook of Help for Consumptives" has been drawn up and is almost ready for the printer. It is for the use of ministers, teachers and others interested in charitable work and gives full information regarding all tuberculosis dispensaries, hospitals, etc. Particular attention is given to sanatoria, requirements for admission, how to reach them, etc.

Table 48 gives the general figures for pulmonary tuberculosis in all Boroughs from 1898 to 1907. It will be noted that the high-water mark of new cases reported was reached in Greater New York and in the Borough of Manhattan in 1905, there being almost 1,500 fewer cases reported in Greater New York and 2,000 in Manhattan during 1907 than in 1905. In Brooklyn the high-water mark was reached in 1906, the number of cases in 1907 being about 200 less.

As every exertion is being made to make the registration of tuberculosis as full and complete as possible, these figures seem to indicate that the campaign against tuberculosis is having the desired effect and that although the population is steadily increasing, the number of cases of consumption is being held stationary or is actually decreasing. The

number of duplicate cases reported has risen, showing that more physicians are reporting their cases.

Notwithstanding an increase in population in Greater New York of 130,000 during 1907, the number of deaths from consumption was less. These statements are borne out by the case rates and death rates as given in the table.

TABLE 48.

Tuberculosis—General Figures, 1898 to 1907, Inclusive.

Year.	New Living Cases Reported Phthisis.*	Duplicates.	Deaths, Phthisis, Cases not Previously Reported.	Total New Cases, Phthisis.	New Cases, Phthisis, per 1,000 of Population.	Total Deaths, Phthisis.	Deaths, other Tuberculosis.	Total Tuberculosis Deaths.	Deaths, Phthisis, per 1,000 of Population.	Deaths, all Tuberculosis per 1,000 of Population.
New York—										
1898	.....	.....	.....	.....	....	7,724	1,541	9,265	2.36	2.83
1899	.....	.....	.....	.....	....	8,015	1,562	9,577	2.39	2.85
1900	.....	2,456	.....	.....	....	8,154	1,476	9,630	2.37	2.79
1901	.....	4,191	.....	.....	....	8,135	1,254	9,389	2.29	2.64
1902	.....	4,268	.....	12,914	3.52	7,571	1,312	8,883	2.06	2.42
1903	.....	5,052	.....	15,214	4.03	8,019	1,284	9,303	2.12	2.46
1904	.....	9,721	.....	18,723	4.80	8,512	1,281	9,793	2.18	2.51
1905	19,117	11,132	1,714	20.831	5.17	8,535	1,123	9,658	2.12	2.40
1906	18,116	10,741	1,979	20,085	4.84	8,955	1,239	10,194	2.16	2.45
1907	17,775	13,005	1,950	19,725	4.60	8,999	1,261	10,260	2.10	2.39
Manhattan—										
1898	.....	.....	.....	.....	....	4,070	876	4,946	2.25	2.73
1899	.....	.....	.....	.....	....	4,301	903	5,204	2.35	2.84
1900	.....	.....	.....	.....	....	4,260	848	5,108	2.30	2.75
1901	.....	.....	.....	.....	....	4,096	764	4,860	2.15	2.55

1902	.....	.....	.....	9,130	4.67	3,739	769	4,508	1.91	2.31
1903	9,375	4,698	959	10,334	5.14	3,971	750	4,721	1.98	2.35
1904	11,581	8,199	998	12,579	6.10	4,114	690	4,804	1.99	2.83
1905	13,214	9,106	867	14,081	6.65	4,237	597	4,834	2.00	2.28
1906	11,471	7,537	1,222	12,693	5.83	4,450	710	5,160	2.05	2.37
1907	11,952	10,055	1,160	12,412	5.56	4,570	684	5,254	2.05	2.35
Bronx—										
1898	.....	.....	.....	.....	....	887	68	955	5.30	5.71
1899	.....	.....	.....	.....	....	937	68	1,005	5.10	5.47
1900	.....	.....	.....	.....	....	1,018	33	1,051	5.05	5.22
1901	.....	.....	.....	.....	....	1,137	52	1,189	5.31	5.56
1902	.....	.....	.....	592	2.60	1,155	81	1,236	5.08	5.43
1903	.....	.....	.....	869	3.68	1,291	89	1,380	5.34	5.71
1904	.....	.....	.....	943	3.67	1,397	93	1,490	5.44	5.80
1905	837	358	118	955	3.50	1,441	73	1,514	5.28	5.54
1906	1,045	664	153	1,198	4.13	1,450	86	1,536	5.00	5.29
1907	1,153	691	174	1,327	4.31	1,460	97	1,557	4.74	5.05
Brooklyn—										
1898	.....	.....	.....	.....	....	2,394	536	2,930	2.19	2.68
1899	.....	.....	.....	.....	....	2,435	545	2,980	2.16	2.63
1900	.....	.....	.....	.....	....	2,445	548	2,993	2.09	2.56
1901	.....	.....	.....	.....	....	2,479	381	2,860	2.06	2.37
1902	.....	.....	.....	2,838	2.28	2,317	408	2,725	1.86	2.19
1903	.....	.....	.....	3,426	2.67	2,396	405	2,801	1.87	2.19

* Excluding duplicates.

TABLE 48—(*Continued*).

Year.	New Living Cases Reported Phthisis.*	Duplicates.	Deaths, Phthisis, Cases not Previously Reported.	Total New Cases, Phthisis.	New Cases, Phthisis, per 1,000 of Population.	Total Deaths, Phthisis.	Deaths, other Tuberculosis.	Total Tuberculosis Deaths.	Deaths, Phthisis, per 1,000 of Population.	Deaths, all Tuberculosis per 1,000 of Population.
Brooklyn—										
1904	3,908	1,522	631	4,539	3.43	2,634	415	3,049	1.99	2.30
1905	4,283	2,026	614	4,897	3.59	2,420	389	2,809	1.78	2.06
1906	4,847	2,202	477	5,324	3.79	2,557	389	2,946	1.82	2.10
1907	4,660	1,943	477	5,157	3.55	2,515	412	2,927	1.74	2.02
Queens—										
1898	.....	.....	.....	.....	....	239	40	279	1.74	2.04
1899	.....	.....	.....	.....	....	208	29	237	1.43	1.63
1900	.....	.....	.....	.....	....	289	29	318	1.88	2.07
1901	.....	.....	.....	.....	....	294	38	332	1.82	2.05
1902	.....	.....	.....	254	1.49	229	40	269	1.34	1.58
1903	.....	.....	.....	388	2.16	229	24	253	1.28	1.41
1904	.....	.....	.....	444	2.35	262	61	323	1.39	1.71
1905	430	19	74	504	2.53	278	43	321	1.40	1.61
1906	504	206	99	603	2.88	308	41	349	1.47	1.66
1907	526	195	115	645	2.02	307	49	356	1.39	1.61
Richmond—										
1898	.....	.....	.....	.....	....	134	21	155	2.10	2.43
1899	.....	.....	.....	.....	....	134	17	151	2.05	2.31
1900	.....	.....	.....	.....	....	142	18	160	2.12	2.38

1901	.....	.....	.....	.....	....	129	19	148	1.89	2.17
1902	.....	.....	.....	100	1.44	131	14	145	1.89	2.09
1903	.....	.....	.....	197	2.79	132	16	148	1.87	2.10
1904	.....	.....	.....	218	3.64	105	22	127	1.46	1.77
1905	353	133	41	394	5.41	159	21	180	2.18	2.47
1906	239	132	28	267	3.60	190	13	203	2.56	2.74
1907	160	121	24	184	2.45	156	22	178	2.07	2.36

* Excluding duplicates.

TABLE 49.

Deaths from Pulmonary Tuberculosis and Tuberculous Meningitis, 0-15 Years—1898-1907.

	0-5.		5-10.		10-15.		Total under 15.		Total both under 15.	Deaths both, per 1,000 of Population
	Pul. tub.	Tub. men.	Pul. tub.	Tub. men	Pul. tub.	Tub. men.	Pul. tub.	Tub. men.		
New York—										
1898	169	695	53	72	85	19	307	786	1,093	.334
1899	220	676	49	74	93	16	362	766	1,127	.336
1900	189	700	52	81	75	22	316	803	1,119	.325
1901	159	577	42	71	89	27	290	675	965	.272
1902	134	601	38	96	67	25	239	722	961	.262
1903	121	604	48	84	90	32	259	720	979	.259
1904	160	553	55	92	113	18	328	663	991	.254
1905	182	473	54	77	96	18	332	568	900	.224
1906	182	556	48	77	120	32	350	665	1,015	.244
1907	180	541	57	93	108	30	345	664	1,009	.638
Manhattan—										
1898	87	441	43	46	34	10	144	497	641	.354
1899	126	441	23	42	41	10	190	493	683	.373
1900	102	447	34	56	31	17	167	520	687	.370
1901	111	367	26	45	47	16	184	428	612	.321

1902	83	376	32	55	36	13	141	444	585	.299
1903	98	389	28	51	43	14	149	454	603	.300
1904	105	309	29	51	60	12	194	372	566	.275
1905	123	288	33	46	39	7	195	341	536	.253
1906	125	339	29	48	50	17	204	404	608	.280
1907	126	330	34	51	43	15	203	396	599	.268
The Bronx—										
1898	13	40	8	3	11	....	32	43	75	.448
1899	18	34	5	3	14	2	37	39	76	.413
1900	14	18	1	1	11	1	26	20	46	.328
1901	6	25	2	4	8	....	16	29	45	.210
1902	5	34	4	4	11	1	20	39	59	.259
1903	1	37	3	7	15	2	19	46	65	.269
1904	17	44	9	4	16	....	42	48	90	.350
1905	15	31	7	6	29	1	51	38	89	.326
1906	15	46	5	3	21	3	41	52	93	.321
1907	6	33	11	9	28	4	45	46	91	.295
Brooklyn—										
1898	57	183	19	18	33	8	109	209	318	.290
1899	73	174	17	28	36	4	126	206	332	.293
1900	68	210	16	19	26	3	110	232	342	.292
1901	38	163	13	21	30	10	81	194	275	.228
1902	42	169	8	32	20	11	70	212	282	.226
1903	38	163	14	25	30	14	82	202	284	.222

TABLE 49—(*Continued*).

	0-5.		5-10.		10-15.		Total under 15.		Total both under 15.	Deaths both, per 1,000 of Population.
	Pul. tub.	Tub. men.	Pul. tub.	Tub. men.	Pol. tub.	Tub. men.	Pul. tub.	Tub. men.		
Brooklyn—										
1904	37	108	13	34	32	5	82	207	289	.219
1905	43	127	10	21	26	8	79	156	235	.172
1906	32	146	9	23	43	11	84	180	264	.188
1907	39	147	10	31	31	7	80	185	265	.183
Queens—										
1898	6	21	1	4	6	1	13	26	39	.285
1899	2	16	2	....	2	....	6	16	22	.152
1900	2	18	1	3	5	....	8	21	29	.189
1901	2	13	1	1	4	....	7	14	21	.130
1902	2	15	1	4	....	....	3	19	22	.129
1903	2	7	1	1	1	1	4	9	13	.072
1904	1	20	3	1	5	1	9	22	31	.164
1905	....	19	1	2	1	1	3	22	25	.126
1906	4	20	4	3	4	....	12	23	35	.167
1907	2	20	2	2	4	2	8	24	32	.146
Richmond—										
1898	6	10	2	1	1	....	9	11	20	.314
1899	1	11	....	1	....	....	1	12	13	.199
1900	3	7	....	2	2	1	5	10	15	.223

.....	2	9	....	....	....	1	2	10
.....	2	7	3	1	....	....	5	8
.....	2	8	2	....	1	1	5	9
.....	....	12	1	2	....	....	1	14
.....	1	8	3	2	....	1	4	11
.....	6	5	1	....	2	1	9	6
.....	7	11	....	....	2	2	9	13

Table 49 gives the deaths from pulmonary tuberculosis and tuberculous meningitis between the ages of 0-15 years from 1898 to 1907. This table shows that as a result of the constant and long continued efforts of the Department of Health towards the prevention of the spread of consumption and especially the suppressing of expectoration on the floors, the death rate from tuberculous diseases of that portion of the population most apt to be infected by such expectoration (0-15 years) has steadily decreased, it being .334 per 1,000 in 1898 and .238 in 1907. The same decrease is to be noted in the various Boroughs.

TABLE 50.

Tuberculosis Register—Living Cases, 1907.

	New York.	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.
Cases enrolled January 1, 1907	39,576	28,140	2,071	8,285	810	270
Under care of private physicians	5,357	2,651	561	1,874	201	70
Under care of dispensaries or clinics*	461	421	.....	.....	40	.....
At home and under supervision of Department	13,148	11,568	393	827	307	53
In institutions in City	2,832	2,110	193	439	34	56
In institutions outside City	274	250	21	.....	3	.....
Not found at address given, 1905-1906 §	17,504	11,140	903	5,145	225	91
(The above only estimated.)						
New (living) cases reported	17,800	11,252	1,172	4,685	531	160
By physicians	3,416	1,449	216	1,415	246	90
By sputum	4,401	2,466	371	1,327	123	43
By institutions	9,983	7,337	585	1,943	162	27
Total living cases enrolled in 1907	30,581	21,307	1,663	6,604	726	281
Cases removed from register in 1907	20,908	13,956	1,944	4,238	596	174
Deaths	8,999	4,570	1,400	2,515	307	147
Removals from City	459	245	70	73	61	10
Not found; § (held for two years)	11,203	9,011	470	1,561	214	7
Recovered	247	130	4	89	14	10
Cases enrolled December 31, 1907	33,421	24,337	1,425	6,798	628	233
Under care of private physicians	4,643	2,239	562	1,525	248	69
Under care of dispensaries or clinics	639	605	.....	.....	33	1
At home or under supervision of Department	8,027	6,897	261	713	103	53
In institutions in City	3,015	2,075	189	674	29	48
In institutions outside City	285	211	18	55	1	.....
Not found at address given, 1906-1907 §	16,812	12,310	395	3,831	214	62
Total	33,421	24,337	1,425	6,798	628	233

* Other than the Department Clinics.
§ Held in current register two years; after that time removed to files.

Table 50 gives the more important data concerning the cases of tuberculosis registered in 1907. The figures given for January 1, 1907, are only estimated. Those for December, 1907, are the result of actual count.

To the total of 33,421 cases in the register should be added 222 cases under treatment in the sanatoria in New York State other than Otisville.

It should be pointed out here that the large number of cases not found at the address given does not mean that the cases were never under observation by the Department, but that they changed their address or left the City, that fact being only ascertained on a later visit. This table will be of more value at the end of 1908 when comparison between 1907 and 1908 can be made.

TABLE 51.

Tuberculosis—District Inspection, 1907.

	New York.	Manhattan.	The Bronx.	Brooklyn.	Queens	Richmond.
Inspectors—						
*Premises visited on account of deaths....	6,193	3,144	484	2,175	309	81
§Cases removing to hospital.....	8,136	5,526	408	2,038	137	27
§Cases removing from city.....	455	245	70	89	35	16
§Cases changing addresses.....	1,371	980	244	107	40	....
Cases "at home" visited on complaint....	375	250	66	52	6	1
Total cases inspected.....	16,530	10,140	1,272	4,461	527	125
Visits to cases inspected.....	17,562	10,629	1,686	4,501	582	164
Visits to investigate or trace cases, annual.	658	....	561	41	56	....
Total visits by inspectors.....	18,220	10,629	2,247	4,542	638	164
Nurses—						
Total months all "at home" cases under observation by district nurse.....	3,006	422	289	1,935	72	288
Visits to cases "at home" under observation.....	7,137	1,734	1,434	2,698	254	1,017
Average visits per month per case "at home" under observation.....	2.3	4.	4.	1.3	3.5	4.
Visits to investigate or trace cases, annual.	2,418	761	160	1,180	264	53
Total visits by district nurses.....	30,241	23,120	1,594	3,878	518	1,131
Disposition of Cases—						
Forcible removals to hospital.....	61	23	13	21	2	2
References of cases to hospitals.....	1,375	1,155	71	108	21	19
References of cases to charitable organizations.....	320	273	35	12	....	....
Renovations compelled by inspectors' complaints.....	2,374	1,350	395	446	142	41
Renovations made voluntarily.....	2,477	496	74	1,777	105	25
Disinfections of premises ordered.....	8,001	4,223	715	2,621	341	101
Disinfections of goods ordered.....	3,974	1,170	342	2,312	110	40

* From any one of several files, or not previously reported.
§ From any one of several files

Table 51 gives the number of visits made by Inspectors and Nurses to cases of pulmonary tuberculosis during 1907. Of the Inspectors' cases it will be seen that the larger number were visited because of their removal to hospital, next coming the dead cases. The wide variations to be noted in the number of "months under observation" in the different Boroughs are due to the fact that while in Richmond all cases are practically kept under observation, in Manhattan very few are so treated—the reason being that the majority of bad cases in that Borough are either sent to a hospital or looked after by the nurses of the Associated Tuberculosis Clinics.

More cases were kept under observation in Brooklyn than elsewhere, the average visits per month in that Borough being correspondingly lower. The number of cases of consumption forcibly removed to Riverside Hospital was 61, as compared with 64 in 1906; 1,375 cases were referred for hospital care, as compared with 762 in 1905.

A very satisfactory point is that the number of voluntary renovations made by the owners or agents is almost double that of 1906. About 1,000 more fumigation orders were issued than during 1906 and 800 more original complaints.

TABLE 52.

Summary of District Inspection of Tuberculosis and of Treatment by the Department Clinics, 1907.

	New York.	Manhattan.	The Bronx.	Brooklyn.	Queens	Richmond.
Total months all "at home" cases	75,761	65,211	4,277	6,832	960	481
Months "at home" cases under observation by district nurses	3,006	422	289	1,935	72	288
Percentage of total months	4.	0.6	12.2	28.32	7.3	59.8
Months "at home" cases under treatment or observation by department clinics	14,373	8,982	1,529	3,862	....	....
Percentage of total months	18.6	13.6	68.0	56.4	....	....
Months "at home" cases under observation or treatment by both district nurses and clinics	17,379	9,404	1,818	5,797	....	....
Percentage of total months all "at home" cases	22.6	13.8	80.2	84.72	....	....

Table 52 gives a summary of the work connected with the district supervision of tuberculosis and of the Department Tuberculosis Clinics in 1907.

TABLE 53.

Results of Annual Investigation of Cases of Pulmonary Tuberculosis Under Care of Private Physicians.

	Manhattan.		The Bronx.		Brooklyn.		Queens.		Richmond.		New York.	
	1906.	1907.	1906.	1907.	1906.	1907.	1906.	1907.	1906.	1907.	1906.	1907.
Total number of letters sent out	5,736	2,436	300	288	1,261	1,511	134	169	81	83	7,512	4,487
Replies received	4,126	1,800	203	211	822	903	105	135	79	83	5,335	3,132
Failed to reply to notices	1,445	601	97	77	362	608	29	34	....	....	1,933	1,320
Notice returned, doctor not found	165	35	....	....	77	....	....	....	2	....	244	35
Cases recovered	266	84	22	14	39	34	....	....	7	11	334	143
Cases improved	231	226	31	49	156	110	43	45	34	26	495	456
Cases died	835	290	46	34	198	499	69	37	9	7	1,157	777
Cases worse	29	38	5	15	36	50	12	14	8	3	90	120
No change	52	49	6	15	30	62	67	11	....	6	155	143
Out of Town	444	259	32	30	....	35	....	5	10	10	486	339
Out of Borough	29	13	....	1	....	4	....	3	....	1	29	22
Cases under observation by private physicians and in file	4,037	1,675	257	235	975	1,312	67	141	63	64	5,399	3,427
Cases no longer under doctor's care	1,699	761	43	53	286	199	67	28	18	19	2,113	1,060

During the summer of 1907, according to the usual custom, a letter was written to the attending physician of each "private case" of tuberculosis on file, asking for the progress or outcome of the case. When no reply was received or where the physician's permission was obtained, the Inspector visited the patient. The number of cases so investigated was less by almost half than in 1906, due to the fact that many cases thought to be "private cases" were weeded out in 1906. (Table 53.)

TABLE 54.

Cases of Pulmonary Tuberculosis in New York City Institutions—1907.

Borough.	Date.	Total.	New.		Old.		Out of Town.	Boroughs.				
			Male.	Female.	Male.	Female.		Queens.	Richmond.	Brooklyn.	The Bronx.	Manhattan
Manhattan ..	March....	2,091	53	19	1,379	640	40	18	8	112	100	....
	August ...	1,821	17	8	1,179	617	32	7	6	133	100	....
The Bronx...	March....	72	5	....	34	43	....	....	....	....	....	....
	August ...	111	11	5	47	43	....	....	....	....	....	3
Brooklyn	March....	265	19	12	160	52	....	10	....	....	....	1
	August ...	209	8	4	136	57	....	1	....	....	1	2
Queens	March....	....	....	....	....	....	....	....	....	....	....	....
	August ...	3	1	1	....	1	1	....	....	....	....	....
Richmond...	March....	14	2	...	11	1	...	....	....	....	....	....
	August ...	11	4	....	7	....	....	....	....	....	....	....
New York...	March....	2,442	79	31	1,584	736	40	28	8	112	100	1
	August ...	2,155	41	18	1,369	718	33	8	6	133	101	5

Table 54 gives the census of the number of cases of pulmonary tuberculosis in various New York City institutions in March and August, 1907. It will be seen that instead of the accommodation for pulmonary tuberculosis having been increased, it has been decreased by 287 beds. This decrease is largely due to the fact that the larger hospitals were wofully overcrowded in March, since which time they have refused to admit more than the number they can properly accommodate.

It is gratifying to note that of over 2,000 cases reported in August, 1907, only 41 were new cases, all the others having been properly reported at the time of admission.

Chart No. 3 shows the general and phthisis death rate from 1899 to 1907 in the old City of New York and in Greater New York.

CHART No. 3.

CHART SHOWING GENERAL AND PHTHISIS DEATH RATE FROM 1869-1907 IN THE OLD CITY OF NEW YORK (MANHATTAN AND THE BRONX) AND IN GREATER NEW YORK.

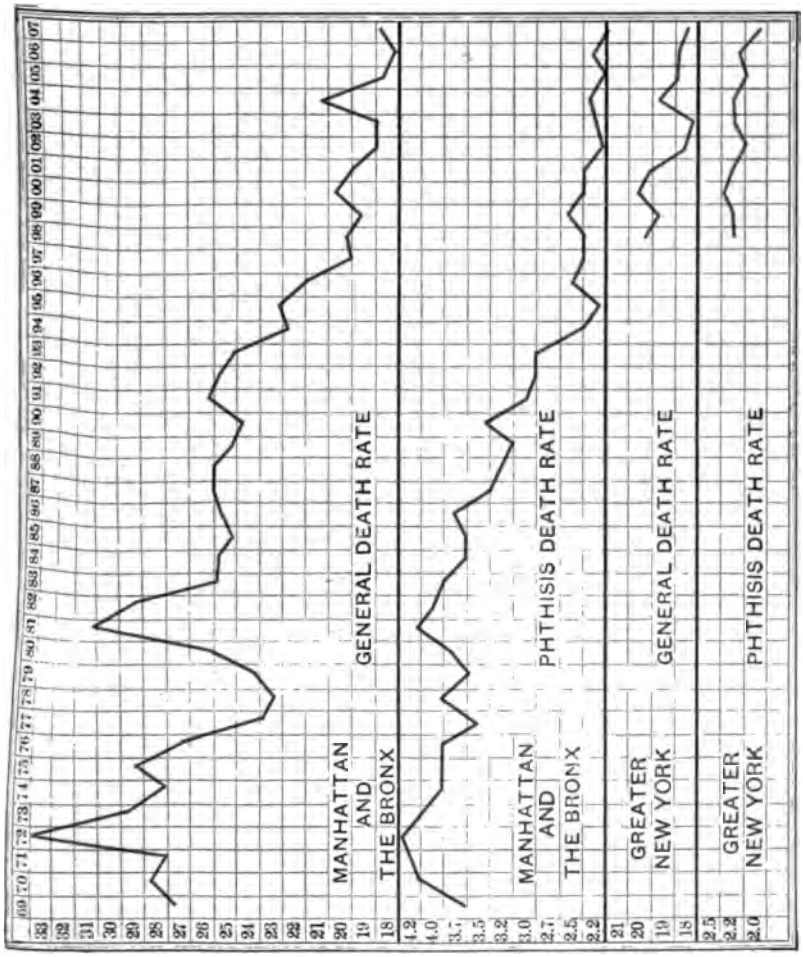


TABLE 55.

Table Showing Deaths from Tuberculosis in All Boroughs, and Death Rate Per 10,000 (horizontally); Also, Deaths and Corrected Death Rate of Residents of Each Borough (vertically)—1907.

	Residents of Manhattan died in	Residents of The Bronx died in	Residents of Brooklyn died in	Residents of Queens died in	Residents of Richmond died in	Total deaths in each Borough.	Death Rate.
Deaths in Manhattan, residents of	4,451	34	72	8	5	4,570	20.05
Deaths in The Bronx, residents of	776	613	58	10	3	1,460	47.40
Deaths in Brooklyn, residents of	3	....	2,493	19	....	2,515	17.40
Deaths in Queens, residents of	2	....	1	304	....	307	13.90
Deaths in Richmond, residents of	43	....	2	....	111	156	20.70
Total deaths of residents of each Borough	5,275	647	2,626	341	119	9,008	.....
Corrected death rate	23.62	21.0	18.13	15.43	15.86	....	21.0

The death rates, as given in Table 48, are not correct for the individual Boroughs, for the reason that many Manhattan residents die in the hospitals in the smaller Boroughs and are erroneously and unfairly charged to those Boroughs.

In Table 55 the deaths from tuberculosis have been tabulated according to Boroughs, and proper corrections made. It will be seen that while the tuberculosis death rate of Manhattan is given in Table No. 48 as 20.5 per 10,000, yet the real death rate from tuberculosis of Manhattan residents was 23.6 per 10,000. In the same way the Borough of The Bronx is unfairly charged with a death rate of 47.4, while its real death rate was 21.2 per 10,000.

Typhoid Fever.

Table 56, which gives the cases, deaths, case rate and death rate of typhoid fever in Greater New York and its Boroughs from 1898 to 1907, shows that during 1907 there was a well-marked increase in the number of cases of typhoid fever occurring in all Boroughs of New York City. More cases occurred during 1907 than in any year for ten years previously, the case incidence being 1.03 per thousand. The number of deaths, while greater than in any one of the past five years, was less than in 1901 and 1902, the death rate per thousand being .17, it having been lower only in 1905 and 1906.

Table 56.

Typhoid Fever—General Figures, 1898 to 1907, Inclusive.

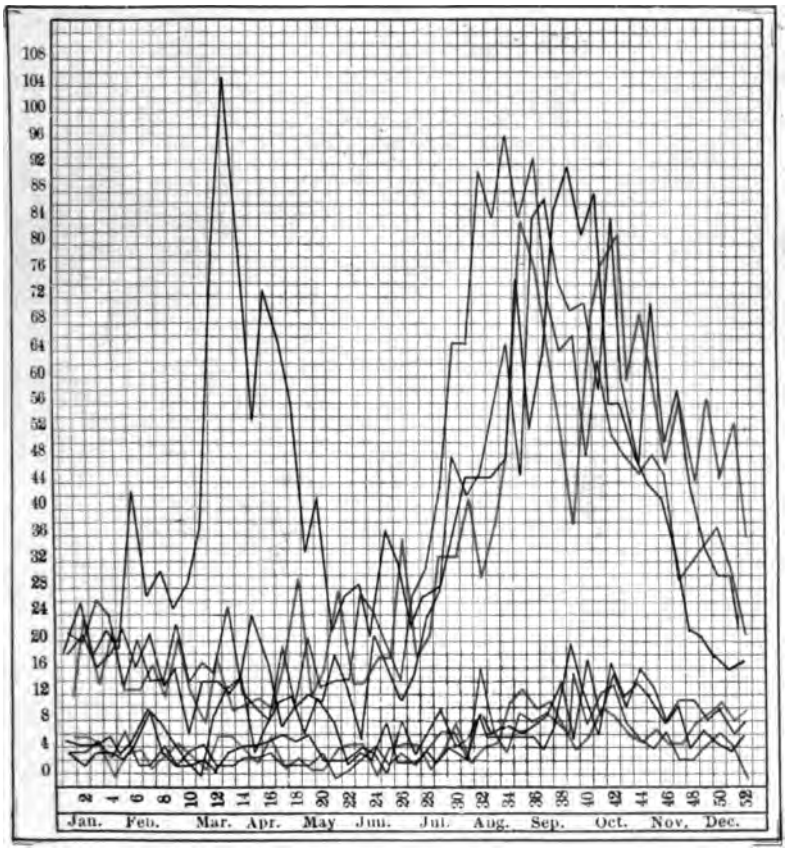
New York City—Cases Reported, Case Rate and Death Rate.

	Cases Reported.	Cases per 1,000 of Population.	Deaths.	Deaths per 1,000 of Population.
1898	2,226	.68	676	.21
1899	1,950	.58	546	.16
1900	2,658	.77	718	.21
1901	2,748	.77	727	.20
1902	3,871	1.06	765	.21
1903	3,671	.97	653	.17
1904	3,412	.87	661	.17
1905	4,326	1.07	649	.16
1906	3,467	.84	639	.15
1907	4,426	1.03	740	.17

CHART No. 4.

DIVISION OF COMMUNICABLE DISEASES.

Chart Showing the Number of Typhoid Fever Cases and Deaths Reported in the Borough of Manhattan, by Weeks, for the Years 1904 (Green), 1905 (red), 1906 (Black), and 1907 (Blue). Upper Lines—Cases. Lower Lines—Deaths.



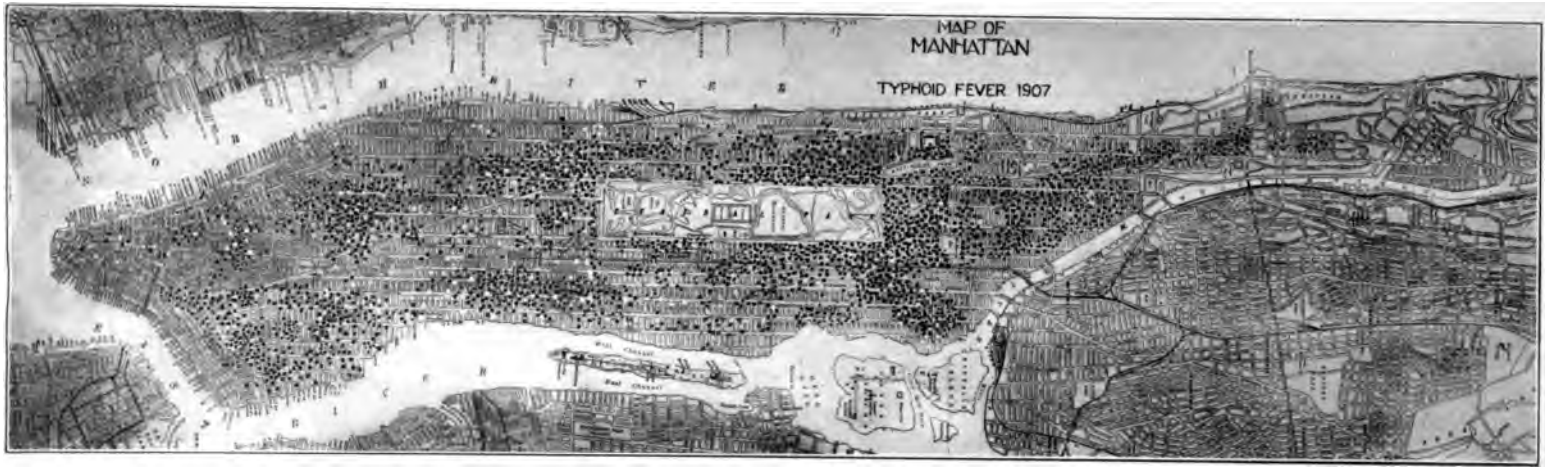


FIG. 19.—MAP SHOWING LOCATION OF CASES OF TYPHOID FEVER, MANHATTAN, 1907.

In Chart No. 4 is shown the weekly course of the disease for 1907. The unusual elevation during March and April was due to outbreaks in the Boroughs of Manhattan and The Bronx.

Table 57 gives the essential facts concerning the disease in the various Boroughs.

TABLE 57.

Typhoid Fever—General Figures and Inspection, 1907.

	New York.	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.
Cases reported	4,426	2,387	384	1,341	171	143
Cases per 1,000 of population	1.0	1.0	1.2	.9	.7	1.9
Deaths from typhoid	740	372	48	271	36	13
Case fatality per cent	16.7	15.5	12.5	20.3	21.0	9.0
Deaths per 1,000 of population	0.17	0.10	.15	.18	.16	.19
Cases not inspected on account of detailed report by attending physician	1,097	315	87	651	17	27
Cases inspected	3,329	2,072	297	690	154	116
Total	4,426	2,387	384	1,341	171	143
Visits to cases	6,791	4,224	446	1,517	235	369
Disinfections of goods ordered	501	159	24	232	68	18

Manhattan.

A sharp increase in the number of cases of typhoid fever occurred about the middle of March, the number of cases rising to over 100 during the week ending March 30. The number of cases continued far above the seasonal weekly average for at least eight weeks. The outbreak was very carefully investigated, special attention being paid to the water, milk and ice supply of the City. In all probability it was due to contamination of the water supply on the Croton Water Shed, caused by unseasonable rains and floods and to the overflowing of the reservoirs.

Chart No. 4 shows the weekly incidence of typhoid fever, together with the number of deaths from that disease for the past five years, also the sharp outbreak occurring early in 1907.

Table 58 gives the cases, deaths and case fatality of typhoid fever in the Borough of Manhattan, according to months and quarters, from 1903 to 1907, together with a summary and average for the five years.

The points of interest are as follows:

The greatest number of cases occur during the months of August and September. This is probably due to the large number of people coming home from the country and bringing the disease with them. The most favorable months, apparently, are July, August and September, the case fatality being lower during that period.

Very little variation is to be noted in the death rate or case incidence.

Every case of typhoid fever occurring in the various Boroughs of New York City is plotted on a large map of the Borough. Fig. 19 is a photograph of the Manhattan map. It shows the distribution of the disease to be fairly even throughout the City, the better localities showing relatively more cases than the crowded tenement house districts.

The Bronx.

A moderate increase in the number of cases of typhoid fever, corresponding to that occurring in Manhattan, took place in The Bronx during the spring of 1907. The usual steps were taken (house to house inspection, distribution of circulars of instruction, etc.) and the outbreak soon died away.

Brooklyn.

Typhoid fever ran its usual course in this Borough during the past year. The usual seasonal increase began in August and reached its highest point in the middle of September, when 64 cases were reported during one week.

TABLE

Typhoid Fever, Borough of Manhattan—Cases,

	1903.			1904.			1905.		
	Cases.	Deaths.	Per Cent. Case Fatality.	Cases.	Deaths.	Per Cent. Case Fatality.	Cases.	Deaths.	Per Cent. Case Fatality.
January	205	21	10.2	86	13	15.1	94	17	16.0
February	104	16	15.1	64	14	22.0	64	14	21.8
March	135	18	13.0	64	18	28.0	97	15	15.4
	444	55	12.4	214	45	21.0	255	46	18.0
April	104	19	18.2	68	12	17.6	51	12	23.5
May	136	22	16.0	67	16	23.8	64	10	15.6
June	132	21	15.9	107	14	13.0	125	15	12.0
	816	117	13.7	456	87	19.0	495	83	16.9
July	200	18	9.0	131	17	13.4	172	23	13.3
August	266	33	12.4	284	37	13.7	399	37	9.2
September	380	38	10.0	225	32	14.2	243	45	18.5
	1,662	216	12.3	1,096	173	15.8	1,309	188	14.3
October	294	46	15.6	283	36	12.7	210	44	20.9
November	221	34	15.0	261	28	10.7	203	21	10.2
December	155	31	20.0	152	40	26.0	125	20	15.5
Total	2,332	317	13.5	1,792	277	15.4	1,847	273	14.8
Death rate per 100,000	....	....	16.5	....	....	14.3	....	....	13.8
Case incidence per 10,0000.	12.1	....	....	9.0	....	....	9.9	....	....

58.

Deaths and Case Fatality by Months, 1903-1906.

1906.			1907.			Total Five Years.			Average Five Years.		
Cases.	Deaths.	Per Cent. Case Fatality.	Cases.	Deaths.	Per Cent. Case Fatality.	Cases.	Deaths.	Per Cent.	Cases.	Deaths.	Per Cent.
74	10	13.5	100	18	18.0	559	79	14.0	112	16	14.2
74	21	24.3	126	29	15.1	432	94	21.7	86	19	22.0
61	7	13.0	252	26	10 3	609	84	14.2	122	17	14.4
209	38	18.1	478	73	15.2	1,600	257	16.0	320	52	13.0
61	21	32.8	296	40	14.0	580	104	17.2	116	21	17.2
63	16	25.0	141	35	21.9	471	97	21.0	94	20	21.8
59	15	27.0	135	18	15.4	558	83	15.0	112	16	14.7
392	90	23.0	1,050	166	15.8	3,209	543	16.6	642	109	17.0
117	24	20.5	143	17	9.8	763	99	11.6	153	20	12.4
252	32	13.9	236	31	12.7	1,437	170	12.0	287	34	12.3
307	41	12.0	341	45	13.0	1,496	201	13.4	299	40	12.0
1,068	177	16.5	1,770	259	14.5	6,905	1,013	14.6	1,381	203	14.4
262	60	23.1	307	51	13.3	1,356	237	17.7	271	47	17.7
269	46	15.2	226	36	16.0	1,180	165	13.5	236	31	13.5
114	32	24.6	84	26	31.0	630	149	23.5	126	29	23.0
1,713	325	18.8	2,387	372	15.7	10,071	1,564	15.5	2,014	319	15.3
....	....	14.3	....	....	16.6	....	....	....	....	....	15.0
7.9	....	....	10.6	....	....	....	....	....	9.8	....	....

Queens.

A slight increase in the number of cases of typhoid fever in the Borough of Queens occurred between the middle of August and the end of September. Although very carefully investigated, no special cause could be assigned to this little outbreak, which soon came to an end.

Richmond.

A sharp outbreak of typhoid fever took place in this Borough beginning of August, 15 cases being reported for the two weeks ending August 8 and 22, respectively. Investigation showed all these cases to have used contaminated water. The wells from which the water company drew its supply being temporarily exhausted, resource was had to surface water. Investigation showed that there was an almost direct discharge of sewage into the said surface water.

The conditions were corrected and the outbreak was quickly checked. (See Report of Division of Inspections, page 114.)

TABLE 58.

Typhoid Fever, 1907—Statistical Tabulation of Cases.

	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	Total.	Per Cent.
Male	1,222	215	765	99	100	2,401	60.4
Female	872	134	467	61	45	1,579	39.6
Not stated	27	18	50	1	....	96	2.
Age 0-1	4	1	3	....	....	8	.2
" 1-5	63	18	44	10	1	136	3.4
" 5-10	185	45	67	13	12	322	8.2
" 10-20	492	92	340	39	44	1,007	25.5
" 20-30	751	126	390	44	54	1,365	34.7
" 30-40	370	51	240	29	16	706	18.
" 40-50	120	15	86	18	4	243	6.
" Over 50	68	6	67	6	3	150	4.
" Not stated	68	13	45	2	11	139	3.
Commercial business men	52	6	14	....	5	77	3.
Clerks	239	27	55	6	6	333	13.
Factory workers	17	2	16	3	3	41	1.7
House workers	332	45	114	26	21	538	23.
Laborers—indoors	86	8	106	4	3	207	8.
" outdoors	175	30	74	23	9	311	14.
Manual trades	70	24	6	15	....	115	4.

TABLE 58—(*Continued*).

	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	Total.	Per Cent.
Police, Firemen, Soldiers, etc	13	4	1	2	....	20	.8
Professional	79	11	21	3	2	116	4.
Skilled artisans	39	16	7	3	13	78	3.
School attendants	261	67	78	30	24	460	19.5
Storekeepers	39	6	8	5	....	58	2.
Sailors	12	3	18	....	29	62	2.5
Sewers	35	1	....	2	1	39	1.5
Not stated	672	117	764	39	29	1,621	....
Private house	247	107	487	122	93	1,056	28.
Boarding house	106	2	32	1	7	148	4.
Boat house	14	1	5	....	29	49	1.5
Lodging house	32	....	8	....	....	40	1.
Hotels and Institutions	163	19	6	1	2	191	5.
Stables	2	1	....	....	....	3	.1
Tenements	1,450	237	565	37	6	2,295	60.3
Tents	....	....	2	....	....	2	.1
Not stated	107	....	177	....	8	292	....
Sanitary conditions—bad	145	15	125	18	10	313	7.
Blood examined	1,576	262	815	87	117	2,857	70.
Widal positive	1,381	199	656	71	98	2,405	83.
Urine examined	1,229	183	613	68	82	2,175	53.3
Diazo positive	487	121	456	53	46	1,163	53.4
Spleen enlarged	1,279	151	905	115	106	2,556	62.

Rose spots present	1,300	152	863	110	100	2,525	61.
Other cases, family	136	30	87	22	10	285	7.
" house	62	9	55	2	11	139	3.
" friends	13	9	17	7	6	52	1.
Patient has separate room	932	232	773	95	46	2,078	51.
Bottled water	127	9	17	1	2	156	4.
Water, croton	1,481	312	1,015	131	102	3,041	86.
Out of town water	141	....	....	....	....	141	3.
Water, tank	98	8	18	29	29	182	6.
" well	18	....	8	....	12	38	1.
Not stated	256	38	224	....	....	518	....
Precautions taken	1,663	305	1,087	147	145	3,347	82.
Source—Water	....	43	44	....	82	169	4.
" Milk	495	10	18	44	3	570	14.
" Oysters	79	8	21	2	3	113	2.
" Exposure	182	17	71	21	3	294	7.
" Out of town	582	55	177	23	29	966	22.
" Unknown	283	234	951	71	25	2,064	51.
Premises fumigated	151	130	16	....	13	310	7.
Bedding disinfected	159	95	232	68	15	569	14.
Milk store inspections	432	39	41	56	21	589	....
Sanitary condition store—bad	4	....	2	....	....	6	1.
" milk—bad	1	....	....	....	....	1	.1

TABLE 58—(*Continued*).

	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	Total.	Per Cent.
Oyster store inspections	38	1	4	1	1	45	....
Sanitary condition store—bad	....	1	....	....	....	1	2.
" Oysters—bad	....	....	....	....	....	....	....
No cases	150	17	37	10	2	306	7.

Tabulation.

According to custom, all cases of typhoid fever in which histories were obtained during 1907, were tabulated and the results are given in Table 58.

The findings are practically the same, as in previous years, except that the physicians of New York City are availing themselves more and more of the services of the Diagnosis Laboratory for the examination of the blood and urine from suspected cases of typhoid fever.

Cerebro-Spinal Meningitis.

Table 59*a* shows that the steady decrease in the prevalence of cerebro-spinal meningitis, noted in 1906, continued in 1907. The disease has not yet reached its endemic level, however, the death rate per 1,000 being 0.15 in 1907, as compared with the death rate of 0.07 from 1900 to 1903.

Table 59*a*.

Cerebro-Spinal Meningitis—General Figures, 1898 *to* 1907, *Inclusive.*
New York City—Cases Reported, Case Rate and Death Rate.

	Cases Reported.	Cases per 1,000 of Population.	Deaths.	Deaths per 1,000 of Population.
1898	.....	.....	357	.11
1899	.....	.....	394	.12
1900	.....	.....	306	.07
1901	.....	.....	267	.08
1902	.....	.....	265	.07
1903	.....	.....	271	.07
1904	.....	.....	1,403	.36
1905	2,755	.68	2,025	.50
1906	1,032	.24	812	.19
1907	828	.19	642	.15

Note.—Prior to 1905 physicians were not compelled to report cases of cerebro-spinal meningitis to this Department.

TABLE 59*b*.

Cerebro-Spinal Meningitis—General Figures and Inspection, 1907.

	New York.	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.
Cases reported	828	519	54	207	38	10
Cases per 1,000 of population	0.19	.23	.17	.14	.17	.13
Deaths	642	433	38	145	19	7
Case fatality, per cent	77.5	83.4	70.0	70.0	50.0	70.0
Deaths per 1,000 of population	0.14	.19	.12	.10	.08	.09
Cases visited	828	519	54	207	38	10
Visits to cases	2,370	1,490	188	599	45	28
Disinfection of premises ordered	557	341	45	137	22	12
Disinfection of goods ordered	239	80	24	128	5	2

Table 59*b* shows that the distribution of the cases among the five Boroughs was about the same as in 1906, the disease being relatively more prevalent in Manhattan than elsewhere. A complete history was obtained in every case and quarantine enforced, and the other children in the family excluded from school in every case where the patient remained at home. The premises were disinfected in about 50 per cent. of the cases and the bedding in about 30 per cent.

Table 60.

Cerebro-spinal Meningitis, 1907—Statistical Tabulation of Cases.

	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	Total.	Per Cent.
Male	247	33	85	9	7	381	58
Female	171	20	67	10	4	272	42
Not stated	1	1	....	1	....	3	....
Age 0-1	95	6	28	2	7	133	20
" 1-5	131	19	52	6	4	212	33
" 5-10	55	8	30	7	2	102	15
" 10-20	65	11	20	1	2	99	15
" 20	72	10	22	4	1	109	17
Not stated	1	....	....	....	....	1	....
United States	230	36	71	11	6	354	62
England-Scotland	5	....	2	1	....	8	1
Ireland	10	2	9	....	....	21	3
Germany	21	1	2	....	....	24	4
France	....	....	....	....	....	....	....
Russia	51	6	7	1	....	65	11
Italy	70	7	22	4	4	107	19
Black	....	....	....	....	....	....	....
Not stated	32	2	39	3	1	77	....
Tenement	353	37	115	4	3	512	78

TABLE 60—(*Continued*).

	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	Total.	Per Cent.
Sanitary condition bad	75	6	58	....	5	144	38
Cerebro-spinal meningitis in neighborhood	13	2	5	1	....	21	3
Ventilation bad	48	3	47	....	2	100	15
Light bad	53	1	13	....	1	68	10
Past health bad	65	13	2	2	1	83	13
Present health bad	23	1	3	1	2	30	4
Untoward circumstances	30	2	11	3	1	47	7
Health at onset bad	37	4	18	1	....	60	9
Onset slow	79	9	24	3	3	118	18
Stiffness of neck	352	45	140	19	11	567	86
Headache	237	35	94	16	10	392	60
Convulsions	224	30	86	14	4	358	55
Vomiting	294	34	120	16	9	473	72
Eruption: petechiae	51	6	33	7	2	99	15
" herpes	20	10	9	3	1	52	8
Nasal discharge	44	11	18	6	7	86	13
Kernig's sign	204	27	107	15	10	363	56
No temperature	....	7	4	....	....	11	2
Leucocytes counted	3	6	16	1	3	129	19
Eye involved	74	11	1	3	1	90	15
Ear involved	13	....	2	1	....	16	2
Pneumonia	16	1	5	....	....	22	3
Paralysis	12	3	6	....	....	21	3

Diag. by clinical signs	301	44	140	18	7	510	78
" " lumbar puncture	118	9	12	2	4	145	22
Micro-organisms in spinal fluid	114	4	12	1	4	135	20
No case—doubtful	73	3	53	44	2	175	....
No diagnosis	....	....	....	19	....	19	....
Treatment medical	343	38	149	18	11	559	85
Death on 1st day	18	1	11	2	....	32	6
" 2d "	26	5	14	7	....	52	11
" 3d "	32	2	7	1	....	42	8
" 4th "	22	5	8	1	1	37	7
" 5th "	11	3	3	3	....	20	5
" 6th to 10th days	78	10	18	4	2	112	21
" 10th to 20th days	86	5	18	....	2	111	21
" 20th day and after	76	6	27	....	1	110	21
Day not stated	7	1	3	1	1	13	....
From convulsions	33	6	9	6	....	54	10
From coma and exhaustion	296	26	87	10	6	425	82
From pneumonia	9	....	2	....	....	11	2
Miscellaneous	95	6	47	3	1	39	6
Recovery complete	58	9	27	2	5	101	....
On 1- 7 day	1	....	....	....	1	2	2
" 7-14 "	10	....	7	....	....	17	17
" 14-21 "	5	2	5	....	4	16	16
" 21-28 "	8	1	2	....	....	11	11
" 28-35 "	4	....	5	....	....	9	9

TABLE 60—(*Continued*).

	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	Total.	Per Cent.
On 35-+ day	30	5	8	2	....	45	45
Not stated	....	1	....	....	....	1	....
Recovery incomplete	10	5	11	....	....	26	....
Fumigation and disinfection ordered	186	37	137	19	9	388	60
Bedding removed	80	25	128	19	2	254	40
Simple meningitis	3	....	....	....	....	3	....
Traumatic meningitis	4	....	6	....	....	10	....
Tubercular meningitis	29	....	22	24	....	75	....
Pneumonia	8	....	8	....	....	16	....
Gastro-intestinal	2	....	7	1	....	10	....
Typhoid	1	....	3	....	....	4	....
Nephritis	....	....	....	1	....	1	....
Endocarditis	1	....	....	....	....	1	....
Septicæmia	1	....	1	....	....	2	....
Otitis	....	....	2	....	....	2	....
Not found	46	....	....	....	....	46	....

Table 60 gives the results of the tabulation of the facts obtained in the histories of 656 cases.

The points of interest to be noted are:

1. 68 per cent. of the cases occurred in children under 10 years of age.

2. 19 per cent. of the cases occurred in Italians, showing the great susceptibility of this race to the disease.

3. No cases occurred among the negro and the French populations.

4. 78 per cent. of the patients lived in tenements, and in 28 per cent. the general sanitary conditions were unsatisfactory, showing that the disease is one of the poorer classes.

5. In only 9 per cent. the general health was bad at the onset.

6. In only 3 per cent. was there a history of the patient having been exposed to infection. The evidence of the last three years is against the view that the disease is spread by direct contact.

7. The comparative rarity of an eruption shows how unsuitable is the name "spotted fever" for this disease.

8. Headache, stiff neck, convulsions and vomiting are present in almost every case.

All cases in all Boroughs of the City were plotted on large maps of the Borough. A photograph of the Manhattan map is given in Fig. 20. It shows the distribution of the disease to have been about the same as in previous years, namely almost entirely among the poorer and more crowded sections of the City.

Treatment.

During the latter part of the year serum treatment began to be used. Flexner's anti-meningitis serum was used in 17 cases, with 8 deaths, certainly a most favorable and hopeful result. Of the 9 recoveries 8 were complete in from 10 to 108 days. One case of incomplete recovery lasted 50 days. Hiss' serum was used in 6 cases with 5 deaths. Diphtheria antitoxin was used in 3 cases, all proving fatal.

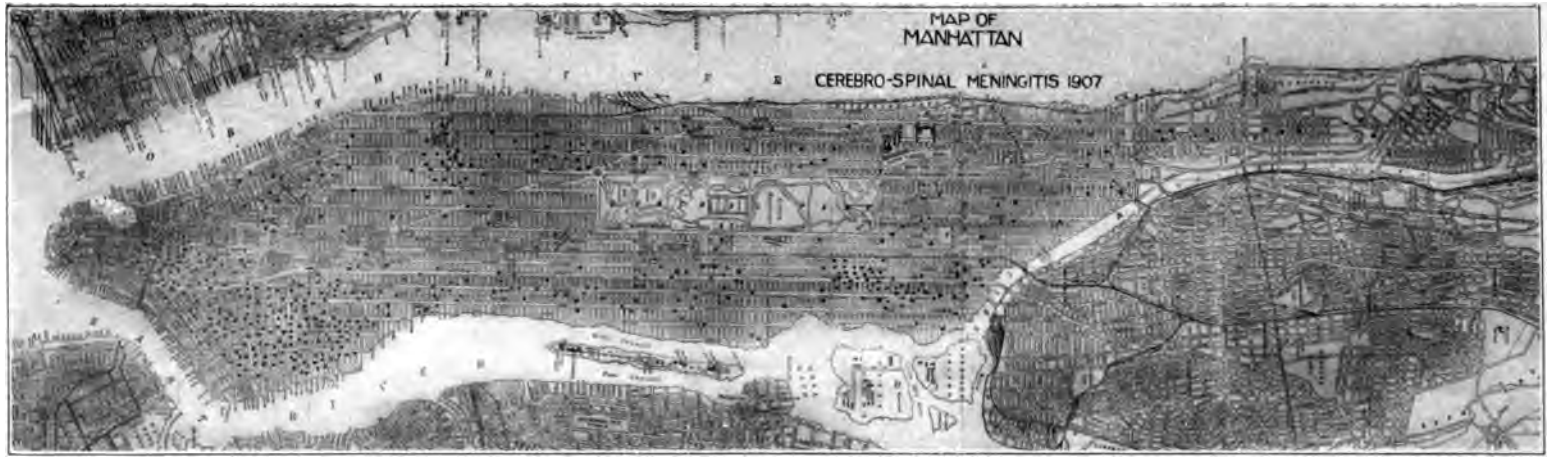


FIG. 26. MAP SHOWING LOCATION OF CASES OF CEREBRO-SPINAL MENINGITIS

MALARIA AND OTHER COMMUNICABLE DISEASES.

Every death reported as having been due to malaria in Greater New York was carefully investigated and a history obtained in each instance. The results have been tabulated and are given in Table 61.

The fact that the blood was examined in only 10 per cent. of the cases makes it very improbable that all of these patients really died of malarial fever. Where the attending physician insists on this diagnosis, however, nothing can be done to change it.

TABLE 61.

Deaths from Malaria, 1907.

	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	New York.	Per Cent.
Male	6	1	4	2	2	15	39
Female	7	5	3	8	..	23	61
Not stated	..	2	..	..	..	2	..
Age 0—10 years	..	5	..	4	..	9	22
" 10—30 years	6	..	2	1	1	10	25
" 30—50 years	3	1	2	2	1	9	22
" 50— years	4	2	3	3	..	12	31
Not stated	..	..	..	..	..	..	..
United States	4	7	5	8	1	25	69
Germany	..	..	1	1	1	3	8
Italy	..	..	..	..	..	..	..
Russia	1	..	..	..	..	1	2
British	1	1	1	1	..	4	11
Black	..	..	..	..	..	..	..
Irish	3	..	..	..	..	3	8
Not stated	..	..	..	..	..	4	..
Previous attack	4	5	3	4	..	16	40
Duration 0—1 week	5	1	..	1	..	7	22
" 1—2 weeks	6	1	..	1	..	8	26
" 2—3 weeks	..	1	..	1	..	2	6
" 3— weeks	2	3	3	6	..	14	45

Not stated	..	2	4	1	2	9	..
Temp. intermittent	6	4	6	1	..	17	40
Chills	10	6	4	8	..	28	70
Sweating	8	5	4	6	..	23	50
Enlarged spleen	4	4	3	4	..	15	37
Blood examined	3	..	..	2	..	5	10
Widal	..	..	..	..	..	..	..
Rose spots	2	..	1	..	..	3	7
Type: Tertian	6	4	1	6	..	17	40
" Quotidian	..	..	..	..	..	..	..
" Quartan	1	..	..	..	..	1	2
Malaria plasmodia	6	1	..	1	..	8	20
Out of town cases	4	1	..	..	2	7	17
Bitten by mosquitoes	5	6	1	5	..	17	40
Diagnosis—Clinical signs	4	5	5	9	..	23	50
Considered to be typhoid	..	..	2	..	..	2	5
" malaria	10	6	4	10	..	30	75
" tuberculosis meningitis	6	1	..	..	..	1	2
" septic infection	..	1	..	..	..	1	2
" nephritis	..	..	1	..	..	1	2

Pneumonia, Erysipelas, Puerperal Septicemia, and Abortion.

All cases of the above-mentioned diseases reported in each Borough have been registered and filed, but at present no steps are taken toward carrying out sanitary supervision of the same.

ADMINISTRATION OF DIPHTHERIA ANTITOXIN.

Table 62.

Diphtheria—General Figures, 1898 to 1907, Inclusive.

Year.	Cases Reported.	Cases per 1,000 of Population.	Deaths.	Deaths per 1,000 of Population.	Case Fatality. Per Cent.	Per Cent of Cases Reported, injected at home by Department of Health.
New York—						
1898.....	11,191	3.42	1,774	.54	15.8	.....
1899.....	11,520	3.43	1,924	.57	16.7	.....
1900.....	12,913	3.75	2,277	.66	17.6	.....
1901.....	12,329	3.47	2,068	.58	16.7	.....
1902.....	15,319	4.17	2,015	.55	13.1	.....
1903.....	18,317	4.85	2,190	.48	11.9	.....
1904.....	18,158	4.65	2,084	.53	11.4	.....
1905.....	13,686	3.40	1,544	.38	11.2	14.9
1906.....	14,757	3.55	1,898	.46	12.8	16.1
1907.....	15,276	3.56	1,740	.41	11.3	16.1
Manhattan—						
1898.....	6,899	3.82	844	.47	12.2	.....
1899.....	7,582	4.14	960	.52	12.6	.....
1900.....	7,230	3.90	1,085	.58	15.0	.....
1901.....	6,774	3.56	1,117	.59	16.4	.....
1902.....	9,679	4.95	1,043	.53	10.7	.....
1903.....	10,569	5.26	1.077	.54	10.2	15.9
1904.....	11,016	5.34	1,123	.54	10.1	17.6
1905.....	7,553	3.58	660	.31	8.7	22.9
1906.....	7,444	3.42	731	.34	9.8	21.3
1907.....	7,285	3.26	841	.38	11.5	21.0

TABLE 62—(*Continued*).

Year.	Cases Reported.	Cases per 1,000 of Population.	Deaths.	Deaths per 10,000 of Population.	Case Fatality. Per Cent.	Per Cent of Cases Reported, injected at home by Department of Health.
The Bronx—						
1898.....	684	4.09	79	.47	11.5	.....
1899.....	628	3.42	125	.68	19.9	.....
1900.....	1,134	5.63	191	.95	16.8	.....
1901.....	952	4.45	110	.51	11.5	.....
1902.....	751	3.25	99	.44	13.1	.....
1903.....	1,047	4.33	155	.64	14.8	27.4
1904.....	1,167	4.54	149	.58	12.7	33.3
1905.....	992	3.63	200	.73	20.1	18.3
1906.....	1,251	4.31	252	.87	20.1	21.3
1907.....	1,476	4.79	174	.56	11.7	23.2
Brooklyn—						
1898.....	3,216	2.94	745	.68	23.1	.....
1899.....	2,894	2.56	744	.66	25.7	.....
1900.....	3,856	3.30	863	.74	22.3	.....
1901.....	3,942	3.27	732	.61	18.5	.....
1902.....	4,236	3.41	762	.61	17.9	.....
1903.....	5,705	4.45	830	.65	14.5	.....
1904.....	5,026	3.80	706	.53	14.0	.....
1905.....	4,307	3.16	594	.44	13.7	4.2
1906.....	5,211	3.71	793	.56	15.2	8.1
1907.....	5,398	3.72	603	.42	11.1	8.6
Queens—						
1898.....	226	1.65	73	.53	32.3	.....
1899.....	270	1.86	72	.50	26.6	.....
1900.....	455	2.96	80	.52	17.5	.....
1901.....	411	2.54	70	.43	17.0	.....
1902.....	467	2.74	92	.54	19.6	.....
1903.....	669	3.73	105	.58	15.7	.....
1904.....	517	2.73	71	.38	13.7	.....
1905.....	577	2.90	72	.36	12.4	9.6
1906.....	627	2.99	94	.45	14.9	12.7
1907.....	821	3.73	96	.43	11.6	12.9

TABLE 62—(*Continued*).

Year	Cases Reported.	Cases per 1,000 of Population.	Deaths.	Deaths per 1,000 of Population.	Cases Fatality. Per Cent.	Per Cent of Cases Reported, injected at home by Department of Health.
Richmond—						
1898.....	156	2.45	37	.58	23.7	.....
1899.....	146	2.23	23	.35	15.7	.....
1900.....	236	3.55	58	.86	24.3	.....
1901.....	250	3.66	39	.57	15.6	.....
1902.....	186	2.69	19	.27	10.2	.....
1903.....	327	4.63	23	.33	7.4	.....
1904.....	432	6.02	35	.49	8.1	.....
1905.....	257	3.53	18	.25	7.0	3.0
1906.....	224	3.02	28	.38	12.5	4.0
1907.....	294	3.91	31	.41	10.5	9.5

Table 62 gives the general figures for diphtheria in New York City and the various Boroughs from 1898 to 1907, and it will be seen that during 1907, the prevalence of the disease was generally increased throughout the City of New York, especially in the Boroughs of Queens and The Bronx. The case fatality was lower in all Boroughs, especially in The Bronx, where it was almost 50 per cent. lower than during 1906. The case fatality of 11.3 per cent. for the whole City shows how widely antitoxin is being used. So low a case fatality would have been impossible in pre-antitoxin days.

Chart No. 5 gives the death rate and case fatality of diphtheria for the Old City of New York from 1898 to 1907, and shows well the improvement consequent upon the introduction of diphtheria antitoxin.

TABLE 63.

*Diphtheria—Injection, Intubation, and Immunization, 1907.**

	New York.	Manhattan.	The Bronx.	Brooklyn.	Queens	Richmond.
Injection of Antitoxin—						
Cases of diphtheria reported	15,276	7,285	1,476	5,398	821	294
Total cases injected by Dept. Inspectors	5,151	3,503	564	885	167	32
Percentage injected by Dept. Inspectors	.....	21.0	23.2	8.6	12.9	9.5
Cases injected by private physicians §	1,432	606	109	637	65	15
Percentage injected by private physicians	.....	8.3	7.4	11.8	8.0	5.1
By Department Inspectors—						
Cases injected considered as diphtheria **	2,471	1,530	343	464	106	28
Deaths	125	53	21	33	17	1
Case fatality, per cent	5.0	3.4	6.1	7.1	16.0	3.9
Deaths, moribund, §§ deducted	88	39	13	24	12	....
Case fatality, per cent., moribund, §§ deducted	3 5	2.5	3.7	5.1	11.3	....
By private physicians §—						
Cases injected	1,432	606	109	637	65	15
Deaths	166	62	8	83	11	2
Case fatality, per cent	11.5	10.2	7.3	13.0	17.0	13.3
Deaths, moribund, §§ deducted	91	33	7	44	6	1
Case fatality, per cent., moribund, §§ deducted	6.3	5.4	6.4	7	9.2	6.6
Intubation of Laryngeal Cases—						
Cases injected by Dept. Inspectors—						
Total laryngeal cases	576	258	96	193	19	10
Deaths	52	20	10	16	5	1
Fatality per cent	9.0	7.7	10.4	8.3	26.3	10.0
Cases intubated	210	58	44	93	5	10
Deaths	31	10	6	13	1	1
Fatality per cent	14.9	17.2	13.6	13.9	20.0	10.0
Cases not intubated	366	200	52	100	14	....
Deaths	21	10	4	3	4	....
Fatality per cent	5.9	5.0	7.6	3.0	28.5	....
Immunization—						
By Department Inspectors—						
Number immunized	11,219	5,973	1,801	2,471	663	311
Number contracting disease between 2 and 30 days	12	2	.....	6	4	....
Visits—						
Total visits to diphtheria cases	13,816	8,184	1,667	3,243	559	163
Average visits per case	.....	4.0	4.2	3.6	4.6	....
Total injections	5,463	715	583	962	169	34

* Quarantine is maintained and disinfections are ordered by the Division of Contagious Diseases.
§ With antitoxin furnished free by the Department of Health.
§§ Cases dying within twenty-four hours after injection.
** Excluding cases not showing diphtheria bacilli and those entering Department Hospitals.

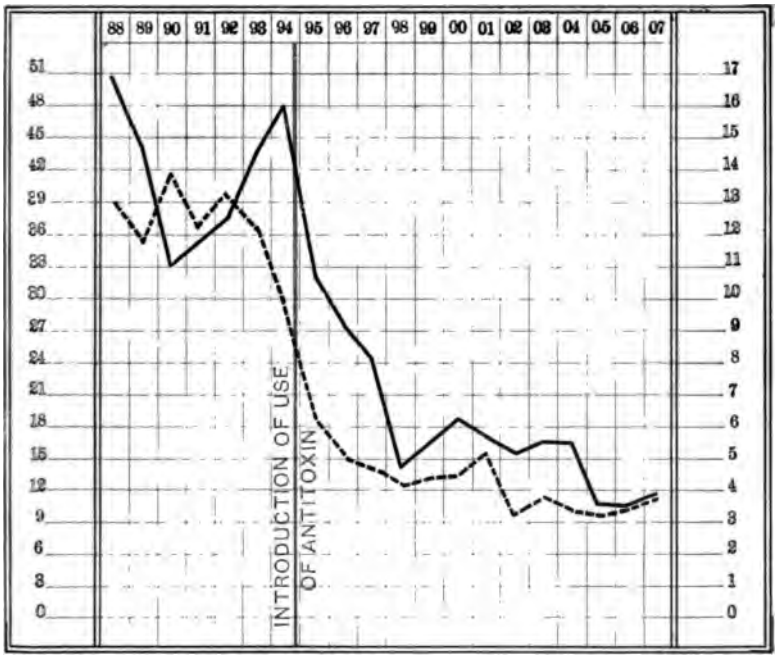
Table 63 gives the results obtained by the use of diphtheria antitoxin prepared and furnished by the Department of Health, and given by inspectors and private physicians. While the number of cases of diphtheria injected by inspectors of the Department was about the same as during 1906, yet the number of deaths was markedly less. During 1906, 2,367 cases were injected, with 156 deaths, a case fatality of 6.9 as compared with 2,471 cases injected by inspectors during 1907, with 125 deaths and a case fatality of 5.05 per cent. The most marked improvement is to be noted in the laryngeal cases. 435 such cases were injected during 1906, with 98 deaths, a case fatality of 22.5 per cent., while during 1907, 576 cases were injected, with only 52 deaths, a case fatality of only 9.0 per cent.

The same good results are to be noted in the performance of immunization. 8,482 persons were immunized in 1906, of whom 17, or 0.2 per cent. contracted the disease, while in 1907, among 11,219 persons immunized, only 12 cases occurred, an incidence rate of only 0.1 per cent.

Regarding the cases injected by private physicians with antitoxin furnished by the Department of Health, the figures given in the table are of only relative value, no steps having been taken to enforce the returning of histories of such cases. Only 1,432 such histories were returned during 1907. 166 deaths occurred among these cases; a case fatality of 11.5 per cent. During 1906, 2,419 cases were so returned, with 231 deaths; a case fatality of 16 per cent.

CHART No. 5.

TABLE SHOWING THE DEATH RATE PER 10,000 OF POPULATION AND THE CASE FATALITY FROM DIPHTHERIA IN THE BOROUGHS OF MANHATTAN AND THE BRONX FROM THE YEAR 1888 TO 1907, INCLUSIVE.



DOTTED LINE—CASE FATALITY. SOLID LINE—DEATH RATE.

NOTE.—The higher case fatality in 1906 and 1907 is due, in large part, to the fact that only those cases showing diphtheria bacilli, by culture, were considered to be diphtheria.

TABLE 64.

Cases of Diphtheria Injected by Inspectors of Department of Health—Additional Data, 1907.

	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	Greater New York.
Cause of death: Asthenia	5	10	1	7	..	23
" Asphyxia	6	1	1	..	..	8
" Sepsis	14	3	4	4	1	26
" Cardiac paralysis	25	7	21	6	1	60
" Pneumonia	3	..	6	..	..	9
Died hours after first injection 1-24	14	8	9	5	1	37
" 24-28	13	1	6	3	..	23
" 48-72	5	2	2	2	..	11
" 72-96	6	5	1	1	1	14
" over 96	15	5	15	6	..	41
Died day of disease 1	2	..	..	2	..	2
" 2	9	..	1	1	..	11
" 3	8	3	4	..	..	15
" 4	6	1	7	2	1	17
" 5	5	2	2	1	..	10
" 5-10	18	10	13	7	1	49
" 10-20	5	5	6	4	.	20
" over 20	..	..	..	..	..	..
Total cases, day of disease injected 1	274	42	72	7	6	401
" 2	576	160	150	27	10	923
" 3	381	80	151	33	7	652
" 4	144	29	61	22	1	257
" 5	62	14	13	6	1	96
" 5-10	86	14	11	10	11	132
" 10-20	7	4	6	1	..	18
Units injected under 5,000	170	8	66	13	..	257
" " 5,000-10,000	1,310	251	344	79	25	2,009
" over 10,000	50	84	54	14	2	204
Subsequent injections	144	39	59	29	4	275

Table 64 gives additional data regarding cases of diphtheria injected by inspectors of the Department in the various Boroughs. It shows what has been insisted upon over and over again, that the earlier in the disease the antitoxin is administered, the better the result. Of 401 cases injected on the first day of the disease, only 2 died, a case fatality of 0.5 per cent.

TABLE 65.

Cases of Diphtheria Injected by Private Physicians With Antitoxin Furnished by the Department of Health, 1907.

	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	Greater New York.
Total cases injected	1,052	171	868	89	34	2,214
False or removed to hospital	346	62	231	24	19	682
Considered diphtheria	606	109	637	65	15	1,532
Deaths	62	8	83	11	2	166
Case fatality per cent	10.2	7.3	13	17	13.3	10.8
Moribund	29	1	39	5	1	75
Case fatality (moribund) deducted per cent	5.4	6.4	7.	9.2	6.6	5.9
Cause of death: Sepsis	13	2	15	1	....	31
" Asphyxia	12	3	18	3	....	36
" Asthenia	....	1	3	....	....	4
" Cardiac paralysis	19	1	28	5	1	54
" Nephritis	....	....	2	....	....	2
" Pneumonia	11	1	8	2	....	22
" Not stated	7	....	8	....	1	15
Number of days after first injection, 1	29	1	39	5	1	55
" " " 2	6	1	9	....	....	16
" " " 3	2	1	12	3	....	18
" " " 4	5	....	6	1	....	12
" " " 5	4	1	4	1	1	11
" " " over 5	12	4	10	1	....	27
" " " not stated	4	....	3	....	....	7
Total cases, day of disease injected, 1	178	15	188	22	7	420
" " " 2	215	43	229	17	6	550
" " " 3	121	19	135	15	1	291
" " " 4	45	8	38	5	1	96
" " " 5	9	8	14	3	....	34

TABLE 65—(*Continued*).

	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	Greater New York.
Total cases, day of disease injected, over 5...	25	4	16	2	....	47
" " " not stated	13	12	17	1	....	33
Units injected under 5,000	263	47	271	27	6	614
" " 5,000 to 10,000	292	43	311	34	7	687
Units injected over 10,000	40	14	46	3	2	105
" not stated	11	5	9	1	....	26
Total laryngeal cases	107	18	103	14	3	245
Deaths	30	4	35	4	1	74
Case fatality per cent	28	22.2	34	28.5	33.3	30.2
Moribund	16	1	23	2	1	43
Case fatality (moribund) deducted per cent...	13.	17.	11.6	14.3	....	12.2
Intubated cases	34	9	24	6	3	76
Deaths	11	4	14	3	1	33
Case fatality per cent	32.3	44.4	58.1	50	33.3	43.4
Moribund	4	1	5	1	1	12
Case fatality (moribund) deducted per cent...	20	33.3	29.	33.3	....	27.6
Immunizations	586	94	512	74	11	1,277
Developed diphtheria	7	2	7	2	....	18

Table 65 gives a more extended tabulation of the cases of diphtheria injected by private physicians with antitoxin furnished by the Department of Health.

No changes have been made in the method of administration of diphtheria antitoxin by the Department of Health inspectors along the line of extension and improvement. An additional inspector has been assigned to duty in Queens, making three in that Borough, one in Richmond, making two in that Borough, and one in The Bronx, making four in that Borough.

RECOMMENDATION:

It is once more most strongly urged that every case of diphtheria intubated by this Department be at once removed to one of the Department Hospitals. All those informed as to the facts in these cases are heartily in favor of this measure. Wherever a private physician is

able to perform intubation he does so regardless of his fee. Where he is not able to do so, it is almost criminal to leave him in charge of the child. Add to this the fact that in about 30 per cent. of the "At Home" cases the ambulance surgeon visits the house, the regular district inspector not being available at the time.

TABLE 66.

THE TUBERCULOSIS CLINICS AND ASSOCIATED CLINICS.

Tuberculosis Clinics, 1907—Summary of Work Done.

	New York.	Manhattan.	The Bronx.	Brooklyn.
Diagnosis—				
Under observation for diagnosis, January 1, 1907	221	176	.....	45
New patients examined during 1907	5,870	4,382	474	1,014
Total	6,091	4,558	474	1,059
Found not tubercular and transferred or discharged	635	403	169	63
Found tubercular	2,807	1,919	219	669
Diagnosis tubercular, sputum positive	1,139	756	112	271
Diagnosis tubercular, sputum negative	1,269	963	64	242
Under observation for diagnosis, December 31, 1907	681	407	99	175
Total	4,123	2,729	487	907
Cases under Treatment—				
Under treatment January 1, 1907	1,091	870	.....	221
New cases coming under treatment in 1907	5,870	4,382	474	1,014
Old cases coming under treatment in 1907	1,186	992	.....	194
Total	7,277	5,374	474	1,429
Deaths	257	148	50	59
Transferred to other clinics	990	974	6	10
Transferred to hospitals	761	674	38	49
Transferred to sanatoria	413	257	10	146
Discontinuing, not found	333	225	31	77
Discontinuing, not coming for treatment	2,495	2,250	49	196
Under treatment, December 31, 1907	2,028	846	290	892
Total	7,277	5,374	474	1,429

TABLE 66—(*Continued*).

	New York.	Manhattan.	The Bronx.	Brooklyn.
Cases under Treatment—				
Total months all patients under treatment at clinics..	10,990	7,076	1,213	2.701
Total treatments of patients.....	29,762	19,625	2,939	7,198
Average treatments per month per patient.....	2.61	2.77	2.41	2.66
Largest number of patients in one day.....	207	119	32	56
Smallest number of patients in one day.....	98	64	10	24
Visits to cases—				
Total months all patients under observation by clinic nurses.....	3.383	1,906	316	1,161
Visits to patients under observation.....	5,731	3,865	488	1,378
Average visits per month per case under observation..	1.52	2.03	1.54	1.
Other visits to cases under clinic treatment.....	1,070	1,040	10	20
Total visits by clinic nurses.....	6,801	4,905	498	1,398
Visits by clinic physicians.....	15	.....	10	5
Miscellaneous—				
Prescriptions filled for clinic patients.....	49,173	29,486	4,820	14,867
Quarts of milk supplied to clinic patients.....	222	.....	.....	222
Eggs supplied to clinic patients.....	453	.....	.....	453

Table 66 gives a summary of the work done in the Tuberculosis Clinics during 1907.

As the Brooklyn Clinic was only opened on the 9th of November, 1906, and The Bronx Clinic early in 1907, comparative figures can be given only in the case of the Manhattan Clinic.

The total number of new patients treated was 4,382 as compared with 4,088 cases during 1906. In reality many more cases were seen during 1907, large numbers having been referred to other tuberculosis clinics throughout the City (see "Associated Tuberculosis Clinics").

The total treatments of patients were 19,625 in 1907 as compared with 21,197 during 1906.

(*a*) MANHATTAN.

The work of this Clinic has progressed fairly satisfactorily—the prime difficulty being the impossibility to enforce the regular attendance of the voluntary attending physicians. Although ten separate classes are conducted at this clinic, yet only four outside physicians attend in what might be called a regular manner and it has been found

necessary to fill their places with medical inspectors detailed for this duty. While these inspectors have given faithful service for a great many hours weekly, yet it is impossible to expect them to approach their work with the same enthusiasm and interest as men working only a few hours a week and making a specialty of the subject.

Radiography.

Special attention is called to the changes which have been made in the X-Ray room for the protection of the operator. It is well known that persons working constantly with the X-Rays are in danger of sudden death, to say nothing of certain other very disagreeable consequences of long exposure to these rays. In order to protect the operator therefore a special lead-lined booth has been constructed in one corner of the operating-room in which are placed all switches, the wires leading through the door, and it being possible to throw on the current only from the inside of the booth and only when the door is closed.

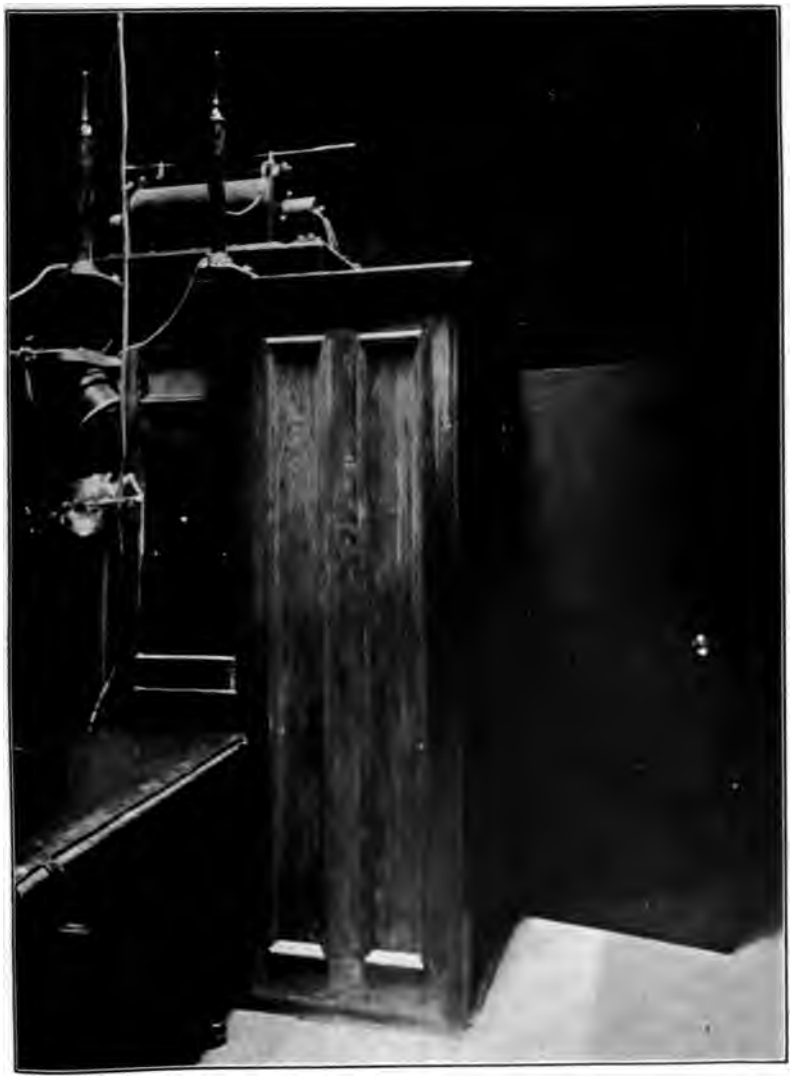
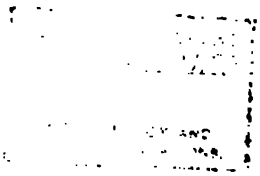


FIG. 21.—X-RAY BOOTH, MANHATTAN CLINIC

FIG. 22.—TAKING OF RADIOGRAPH, X-RAY ROOM, MANHATTAN CLINIC.



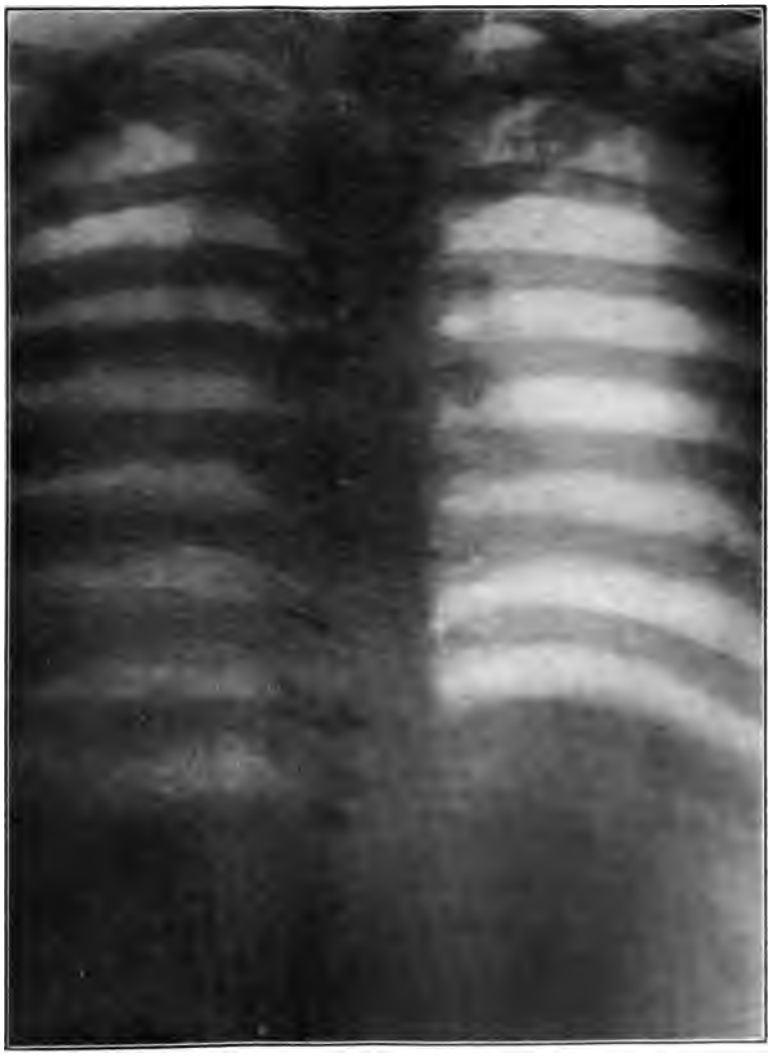


FIG. 23.—RADIOGRAPH: ADVANCED PULMONARY TUBERCULOSIS, INVOLVEMENT WHOLE RIGHT LUNG.

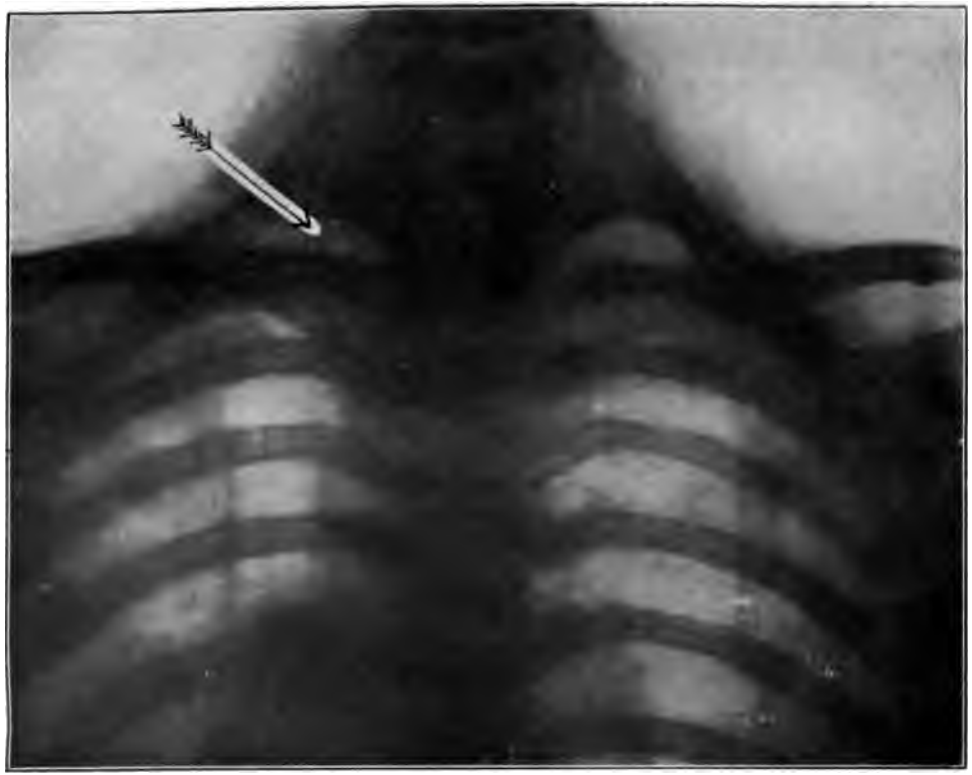


FIG. 24.—RADIOGRAPH: INCIPIENT PULMONARY TUBERCULOSIS. INVOLVEMENT OF LEFT APEX.

Figure 21 shows a photograph of the X-Ray booth and Figure 22 illustrates the method in which radiographs are taken.

A complete dark-room has been fitted up in the cellar of the clinic and radiographs are now taken of all incipient cases of tuberculosis. Figure 23 shows a radiograph of an advanced case of pulmonary tuberculosis with involvment of the entire right lung. Figure 24 is a radiograph of an incipient case of pulmonary tuberculosis, there being a small area of consolidation at the left apex, the picture being taken from behind.

Tuberculin Reactions.

Late in the autumn of 1907, after certain experimental work at Riverside Hospital, the performance of the Calmette eye test and of the Pirquet vaccination test, were introduced as a part of the routine examination of incipient and doubtful cases of tuberculosis. All incipient cases, whether for Ray Brook or Otisville, now receive these tests. The results will be reported later in detail, but it may be said here that the Calmette test has already proved of great value in excluding doubtful cases.

Children's Clinic.

Both morning and afternoon sessions on Saturday of each week are now devoted to children. All children applying at other times are instructed to return on that day. In addition to sick children, there are also seen on Saturday the children of tuberculous parents. Information is obtained from all new adult patients suffering with tuberculosis, as to whether they have children, and they are strongly urged to send them for examination. These examinations (children of tuberculous parents) are also made at all the other Associated Tuberculosis Clinics (q. v.).

CHILDREN'S CLINIC RECORD

Dispensary..... No..... Date.....

Surname..... Given Name.....

Address..... Floor..... School, Yes, No. Number.....

Date of Birth..... Child No..... Country of Birth.....

HISTORY

Mother	Birthplace	Father
Yes, No.	Hebrew	Yes, No.
Yes, No.	Tuberculous	Yes, No.
Yes, No.	Alcoholic	Yes, No.
Yes, No.	Clean	Yes, No.
Yes, No.	Dirty	Yes, No.

Feeding During 1st Year. Breast, Yes, No. Bottle, Yes, No. Modified Milk, Yes, No.
Raw Milk, Yes, No. Weaned..... Months.....

Feeding After 1st Year. Satisfactory in Amount, Yes, No. Good. Bad.

Weight..... lbs. Height..... Cm.

Chest Measures: Contracted..... Cm. Expanded..... Cm.

Diameter: Ant. Post..... Cm. Trans..... Cm. Index.....

Rachitic: Yes, No. Symmetry.....

Temp..... ° Pulse..... Resp.....

Symptoms: .....

.....

Whooping Cough, Yes, No. Pneumonia, Yes, No. Measles, Yes, No. Adenitis, Yes, No. Operation, Yes, No.

Examination Shows Abnormalities of: Lungs, Yes, No. Heart, Yes, No. Glands, Yes, No. Bones and Joints, Yes, No. Ears, Yes, No. Nose and Throat, Yes, No. Abdomen, Yes, No. Sputum, Yes, No.

Details of Examination: .....

.....

.....

Diagnosis..... .....M. D.

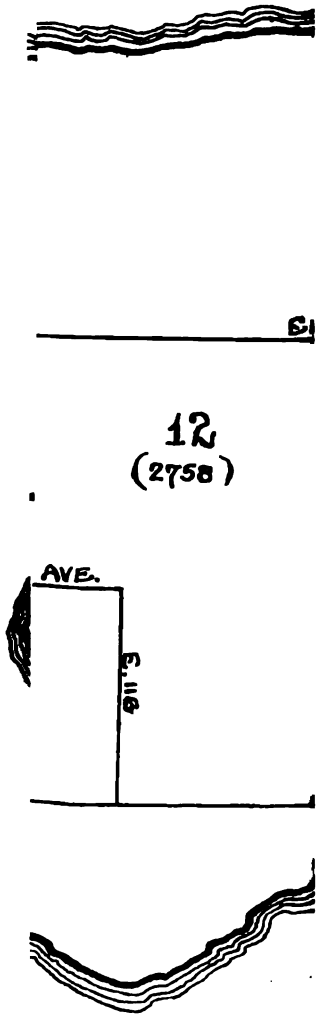
FIG. 25.

Fig. 25 is a reproduction of the special card used (248 L), which has been prepared and printed by the Department of Health.

A full report of this work will be made later in the year. The great difficulty experienced in this work has been the question of carfare to and from the dispensary for the large families of children. Should the work prove of enough value and importance, it is recommended that authority be given to incur the expense of such carfares.

Associated Tuberculosis Clinics.

During 1907 the various tuberculosis dispensaries in Manhattan have co-operated in their work under the name of the Associated Tuberculosis Clinics. The division of the Borough of Manhattan into districts, each cared for by a special dispensary, has proved most successful. Other special dispensaries are seeking to be included in it, notably: those of the German and Mt. Sinai Hospitals.



LT CLINIC.
HOSPITAL.
DISPENSARY.
RICTS)

Fig. 26 shows the arrangement of the districts as it will be during 1908. In addition are given the boundaries of the twenty-two wards of the Borough, together with the number of cases of pulmonary tuberculosis reported in each ward during 1907. In order for a dispensary to be admitted to the Association it must have one or more visiting nurses, and must be willing to confine its work to patients coming from its own district.

Table 67 gives the census of the cases of tuberculosis under observation at the various tuberculosis clinics in Manhattan, exclusive of the Department of Health Clinic. During 1908 it is proposed that the various clinics report all instances of discontinuance of treatment to the Department of Health. The patients will then be visited by the district tuberculosis nurses of the Department, and suitable action will be taken.

(b) *The Bronx Tuberculosis Clinic.*

A tuberculosis clinic was opened in the Borough of The Bronx early in February, 1906, in the Health Department Building, Third avenue and St. Paul's place. The large room assigned for that purpose was divided by wood and glass partitions into a waiting room, registration room, two examination rooms, throat room and a drug room (see Plate No. 13). A Medical Inspector was detailed as Assistant Chief of Clinic, and a Hospital Clerk and a Nurse assigned to duty in the clinic. Classes are held each afternoon from 2 to 4 o'clock. Delay in the installation of the electric light system prevented the opening of the throat room until late in December. The work has progressed very satisfactorily. Views of the Bronx Clinic are given in Figs. 27, 28, 29, 30 and 31 and a ground plan of the Clinic in Fig. 32.

TABLE 67.

Census of Cases of Tuberculosis Under Observation by the Associated Tuberculosis Clinics, 1906-1907—Taken Bi-annually by the Department of Health.

	Total Cases under Observation.				Cases under Observation. Health Department Notified.				Cases under Observation. Never Reported to Health Department.				Cases no Longer under Observation. Health Department not Notified.			
	1906.		1907.		1906.		1907.		1906.		1907.		1906.		1907.	
	Mar.	Aug.	Mar.	Aug.	Mar.	Aug.	Mar.	Aug.	Mar.	Aug.	Mar.	Aug.	Mar.	Aug.	Mar.	Aug.
Gouverneur	116	85	90	120	78	85	80	104	38	....	10	16	84	135	65	39
Vanderbilt	118	142	54	55	99	130	45	55	19	12	9	....	148	133	190	97
Bellevue O. P. D.	131	79	165	163	131	79	156	163	....	....	9	....	150	166	73	150
Harlem	29	35	96	86	29	35	86	62	....	....	10	24	44	71	43	132
Presbyterian	187	66	68	131	112	66	66	123	75	....	2	8	157	202	63	174
Christ Church	....	....	10	6	....	....	10	6	....	....	....	....	....	....	....	5
New York Dispensary	....	....	....	13	....	....	....	13	....	....	....	....	....	....	....	13
Total	581	407	483	574	449	395	443	526	132	12	40	48	583	707	434	610

(c) *Brooklyn Clinic.*

The work of the Brooklyn Tuberculosis Clinic during 1907 has been highly satisfactory.

A number of alterations have been made in the Clinic building. Dressing and examination rooms for men have been partitioned off in the rear of the first floor and a stairway has been cut to the basement floor, where two throat rooms have been arranged by means of wooden partitions. These rooms are fully equipped and the work is in charge of an Inspector, with a volunteer staff of four surgeons. Further alterations have been planned by means of which a dressing room for women will be arranged for and also the registration room will be separated from the general waiting room.

Views of the exterior and interior of the Brooklyn Clinic are given in Figs. 33, 34, 35, 36, 37 and 38. In Figs. 39 and 40 are given the ground plans of the two floors of the Brooklyn Clinic.

Report.

It is proposed during 1908 to issue a second report of the tuberculosis clinics similar in style and make-up to the first annual report of the clinics issued during 1907.

Recommendations.

1. *Salaries for Attending Physicians.*

As previously stated, there has been the greatest difficulty in obtaining volunteer attendants at the various clinics, and it has been found necessary to detail Medical Inspectors at a salary of $100 per month to the various clinics. All necessary steps have been taken with the Civil Service Commission and the Department has been authorized to appoint fifteen attending physicians and fifteen assistant attending physicians. These physicians would be assigned as follows:

Manhattan.—Nine attending physicians, as follows: Five in charge of each of the five general classes, three in charge of the morning, afternoon and night throat rooms, respectively, and one on special duty

(Calmette tests, etc.) Nine assistant attending physicians, as follows: Five on duty in the five general classes and four on duty in the throat classes.

The Bronx and Brooklyn.—Three attending physicians, each, as follows: Two in charge of each of the two general classes and one in charge of the throat room. Three assistant attending physicians, each, as follows: Two on duty in the two general classes and one on duty in the throat room.

2. *Milk and Eggs.*

The work of the tuberculosis clinics was seriously handicapped in 1907 by the cutting off of the supply of milk and eggs to suitable clinic patients. Arguments in favor of its resumption are as follows:

(a) Such special diet is free medication, not charitable aid, being given only to those patients requiring it in addition to their regular diet, as such, it is not illegal. When patients are too poor to obtain sufficient food they are sent to a hospital.

(b) Certain patients require such special diet and do not stand the same chance of recovery without it.

FIG. 27.—EXTERIOR OF BRONX CLINIC.

FIG 28.—WAITING ROOM, BRONX CLINIC.

FIG. 29.—REGISTRATION ROOM, BRONX CLINIC.

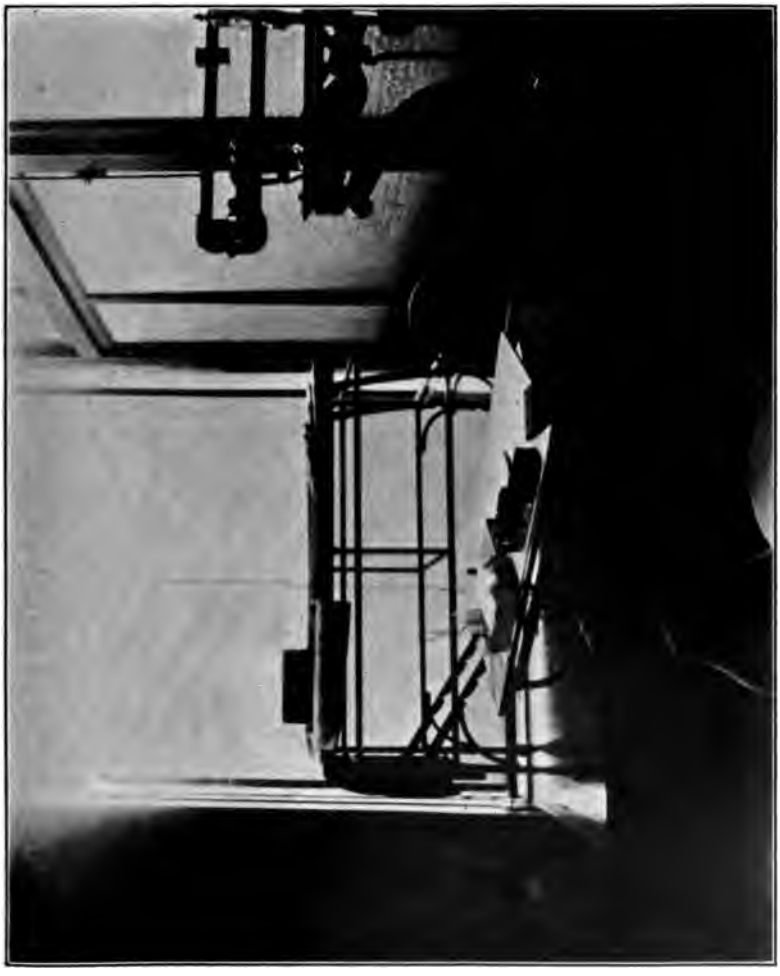


FIG. 30.—EXAMINATION ROOM, BRONX CLINIC.

FIG. 31.—THROAT ROOM, BRONX CLINIC.

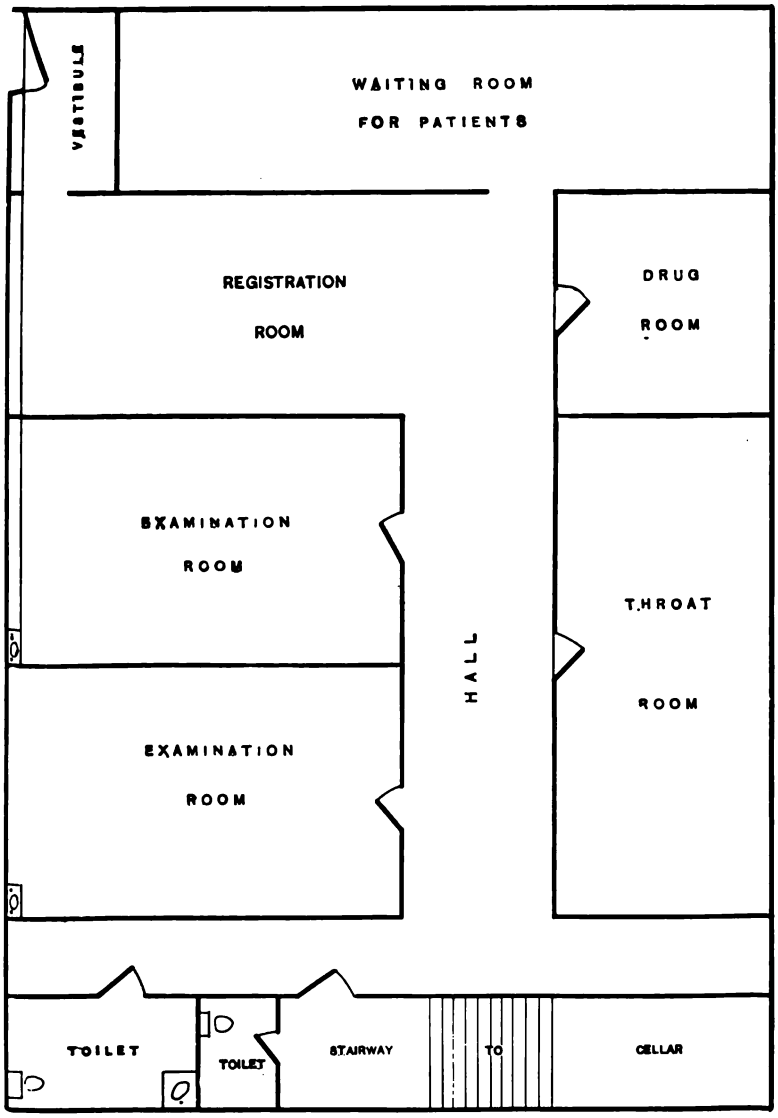


FIG. 32.—FLOOR PLAN—BRONX TUBERCULOSIS CLINIC.

(c) The patients return more readily and regularly for treatment. Almost all of them know they should have such diet.

(d) It is not right that all the other "Associated Tuberculosis Clinics" should distribute milk and eggs to their patients while the Health Department Clinic—the original head and front of the movement—is unable to do so.

A special appropriation of $6,415 would be needed, to be segregated as follows:

	Cost.
Manhattan—	
Milk 30,000 quarts	$1,950
Eggs 4,000 dozen	1,000
The Bronx—	
Milk 12,000 quarts	780
Eggs 1,500 dozen	375
Brooklyn—	
Milk 24,000 quarts	1,560
Eggs 3,000 dozen	750

3. *Italian Clinic.*

For a long time there has been a great need for a special tuberculosis clinic for Italians. The disease is very prevalent among them, and they respond well to efforts on their behalf, but those efforts must be made by physicians and nurses of their own race. As the Manhattan Clinic is not used Tuesday, Thursday and Saturday evenings, it is recommended that a special clinic limited to Italians be opened on those evenings. Arrangements would be made with the other Associated Tuberculosis Clinics to have all Italian applicants referred to this clinic.

The nurses would also visit all Italian cases throughout the whole City. The expense of medicines, etc., could be arranged for without an extra appropriation.

It is therefore strongly recommended that an extra clinic appropriation be asked for to cover (1) the salaries of attending and assistant attending physicians; (2) the supplying of milk and eggs to suitable clinic patients, and (3) the salaries of the employees of an Italian tuberculosis clinic.

SANATORIA.

(a) *Riverside Sanatorium.*

On January 1, 1907, the capacity of Riverside Sanatorium was six pavilions, with 116 beds. As compared with the four pavilions and 80 beds of January 1, 1906, this is most encouraging.

On December 31, 1907, the capacity of the sanatorium was officially 111 beds, but of these 111 beds 13 are used for helpers and orderlies who were formerly tuberculosis patients, and one ward of 10 beds was out of commission for purpose of renovation.

During 1907 349 patients were admitted, the great majority being citizens of the United States (219), next coming Russian and German Jews (174). The majority of the patients were between 30 and 40 years of age; 242 patients came from Manhattan, 23 from The Bronx, 76 from Brooklyn and 8 from Staten Island.

TABLE 68.

Cases of Tuberculosis Treated at Riverside Sanatorium, 1907.

	Results.					
	One Week.	1 Week to 3 Months.	3 Months to 6 Months.	6 Months to 9 Months.	9 Months to 1 Year.	Total.
First stage	1	9	2	1	3	16
Second stage	6	88	44	26	19	183
Third stage	12	88	32	9	9	150
Dead	11	50	28	6	8	103
Progressed	14	110	41	14	18	197
Improved	6	77	39	22	13	157
Discharged	8	35	39	15	4	151
Hospital	..	50	11	15	19	95

Table 68 shows the results obtained in the cases treated during the year 1907.

The classification in stages is in accordance with that recommended by the National Association for the Prevention of Tuberculosis.

As heretofore all cases of tuberculosis were admitted through the Division of Communicable Diseases.

FIG. 33.—EXTERIOR, BROOKLYN CLINIC.

FIG. 34.—WAITING ROOM, BROOKLYN CLINIC.

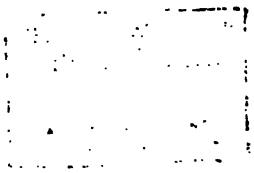


FIG. 35.—REGISTRATION ROOM, BROOKLYN CLINIC.

FIG. 39.—THROAT ROOMS AND PHYSICIANS' LOCKERS, BROOKLYN CLINIC.

FIG. 38.—EXAMINATION ROOM, BROOKLYN CLINIC.

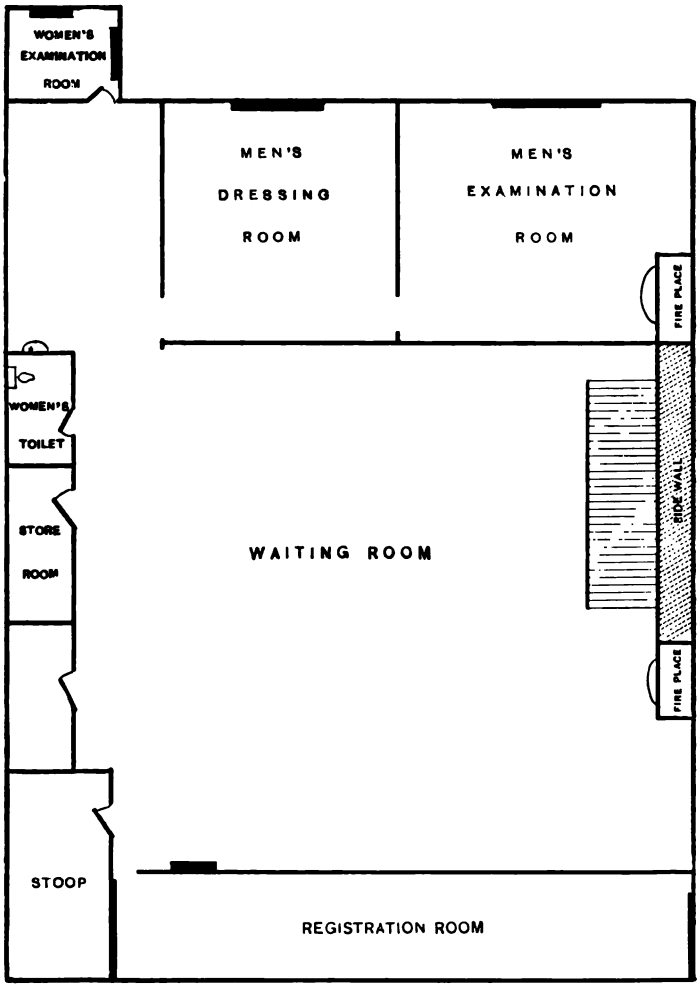


FIG. 39.—FLOOR PLAN, BROOKLYN TUBERCULOSIS CLINIC—MAIN FLOOR.

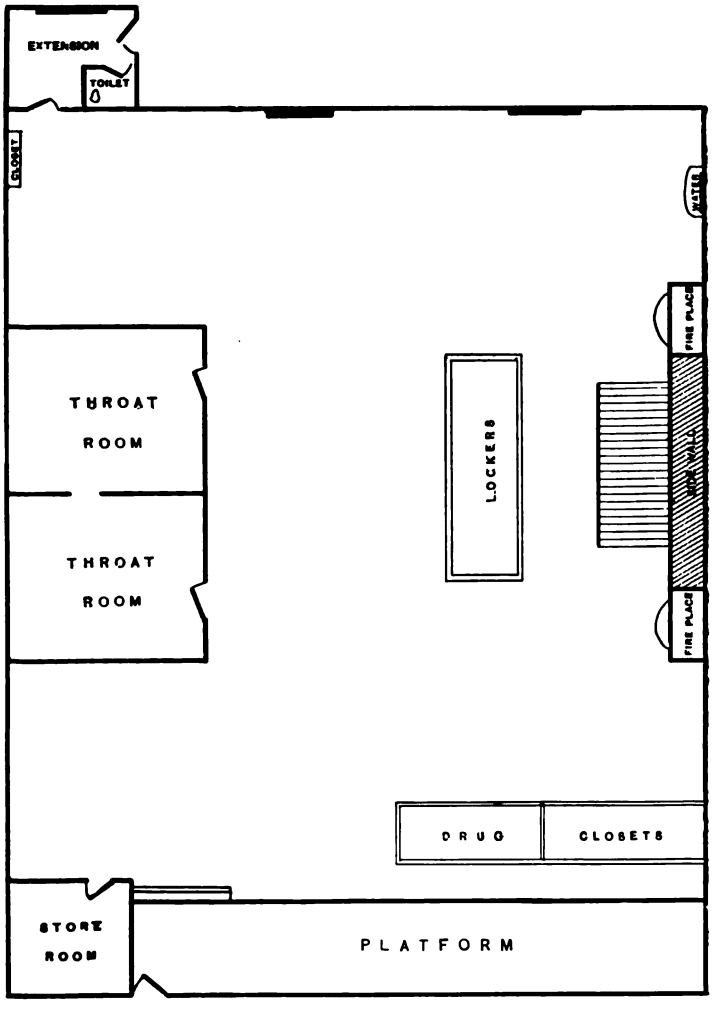


FIG. 40.—FLOOR PLAN, BASEMENT—BROOKLYN TUBERCULOSIS CLINIC.

For purpose of fairness it was deemed advisable to allot a certain number of beds in the sanatorium to each of the five Boroughs, the allotment being as follows:

Manhattan	38 men	19 women
The Bronx	7 men	3 women
Brooklyn	15 men	10 women
Queens	2 men	1 woman
Richmond	2 men	1 woman

Owing to the fact that all cases discharged from Otisville must, if necessary, be accommodated at Riverside, this scheme has been seriously dislocated much of the time.

Forcible Removals.

During 1907 35 cases of pulmonary tuberculosis were removed to Riverside Hospital by force as being nuisances and dangerous to those about them.

Otisville Sanatorium.

During 1907 218 patients were sent to Otisville Sanatorium from the Division of Communicable Diseases. Two hundred and sixteen additional cases were examined, of whom 160 were rejected as being too advanced. The remaining 56 cases did not enter the sanatorium for various reasons; 136 patients were discharged from Otisville during 1907, and one death occurred.

Great care is taken in selecting Otisville patients, it being held necessary that they be able to do light work. A wagonette and horse were purchased for the use of the Division of Communicable Diseases during 1907 and one of its functions is to care for the transportation of the patients to and from the train in New York City. During 1907 a physician accompanied each party of patients weekly. This will not be possible during 1908 owing to the decrease in the clinic staff and a hospital clerk will have to perform this duty.

TABLE 69.

New York City Cases of Pulmonary Tuberculosis in Out-of-Town Sanatoria, December 31, 1907.

Residents of	Stony Wold.	Gabriels.	Loomis.*	Ray Brook.	Adirondack Cottage.	Total.
Manhattan	41	8	..	51	20	120
The Bronx	5	2	..	3	1	11
Brooklyn	10	4	..	10	4	28
Queens	..	3	..	..	..	3
Richmond	2	..	..	1	..	3
New York City	58	17	57	65	25	165

* Not stated from which Borough, 57.

Other Sanatoria.

On December 31, 1907, a letter was written to the large sanatoria in New York State requesting that information be given as to the number of New York City patients under treatment on that date. The results are given in Table 69.

These figures should properly be included in the totals of Table 50.

DIAGNOSIS LABORATORY.

Table 70*a* gives a summary of the work done in the Diagnosis Laboratory during 1907. What it does not show is the marked increase over the figures for 1906 in all branches of the work. The figures will be given under each separate head, but it may be here stated that 103,-351 specimens were examined during 1907, as compared with 80,802 specimens during 1906, an increase of 28 per cent.

TABLE 70a.

Diagnosis Laboratory—Specimens Examined and Results of Examinations, 1907.

	New York.	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.
Diphtheria—						
Bacterial examinations for diagnosis	30,660	17,135	2,728	9,051	1,146	602
Showing Klebs-Loeffler bacilli	11,213	5,862	1,071	3,475	579	226
Not showing Klebs-Loeffler bacilli	18,228	10,599	1,575	5,184	514	356
Indecisive	1,219	672	82	392	53	20
Later cultures	33,655	15,211	1,915	14,886	1,160	483
Other cultures	841	718	2	120	....	1
Total cultures	65,156	33,062	4,645	24,057	2,306	1,086
Tuberculosis—Sputum—						
Specimens examined	27,652	18,609	2,304	5,947	490	302
Showing tubercle bacilli	7,581	4,829	600	1,882	167	103
Showing no tubercle bacilli	20,071	13,780	1,704	4,065	323	199
Typhoid—						
Widal reaction—						
Specimens of blood examined	8,524	5,023	837	2,123	246	295
Showing reaction	2,269	1,273	216	619	63	98
Showing no reaction	5,102	3,094	529	1,187	142	150
Indecisive	1,153	656	92	317	41	47
Diazo reaction—						
Specimens examined	1,741	883	170	591	87	10
Showing diazo reaction	685	321	68	245	45	6
Showing no diazo reaction	1,013	541	97	329	42	4
Showing doubtful reaction	43	21	5	17	....	....
Malaria—						
Specimens examined	1,585	925	227	364	43	26
Showing malaria plasmodia	157	90	23	36	5	3
Showing no malaria plasmodia	1,428	835	204	328	38	23
Miscellaneous—						
Average number of Culture Stations*	30	178	38	46	31	7
Visits to collect specimens	31,651	9,232	3,670	12,877	3,303	2,569
Culture tubes prepared	107,955	107,955	....	....	....	....
Swabs made	129,600	129,600	....	....	....	....
Laboratory preparations made	105,565	105,565	....	....	....	....

* Average of those in operation on the first of each month.

TABLE 70*b*.

Diagnosis Laboratory—Specimens Submitted for Examination, 1907, by Inspectors of Department of Health and Private Physicians.

	Number of Specimens Submitted for Diagnosis by	
	Department of Health.	Private Physicians.
Diphtheria	38,211	26,071
Tuberculosis	12,111	15,166
Typhoid	2,272	7,940
Widal reaction	2,240	6,240
Diazo reaction	32	1,700
Malaria	80	1,500
Total	52,674	51,677
Percentage	50.4	49.6

Table 70*b* gives a classification of the various specimens submitted to the laboratory for diagnosis, according to whether they were forwarded by employees of the Department of Health or by private physicians. It will be noted that, with the exception of cultures from cases of diphtheria, private physicians supplied the great majority of the specimens, this being particularly true in the case of specimens of urine for the diazo reaction and of blood from suspected cases of malaria.

Taking up now the various functions of the laboratory in order:

(a) *Diphtheria.*

Sixty-four thousand two hundred and eighty-two cultures were examined during 1907, as compared with 50,445 during 1906, an increase of over 14,000, or 28 per cent. This increase was particularly due to the increased prevalence of diphtheria during 1907 and particularly to the fact that physicians are now more and more taking advantage of the facilities of the laboratory.

CHART No. 7.

DIPHTHERIA.

Upper Line....Total number Cultures examined.
Lower Line....Number showing Diphtheria Bacilli.

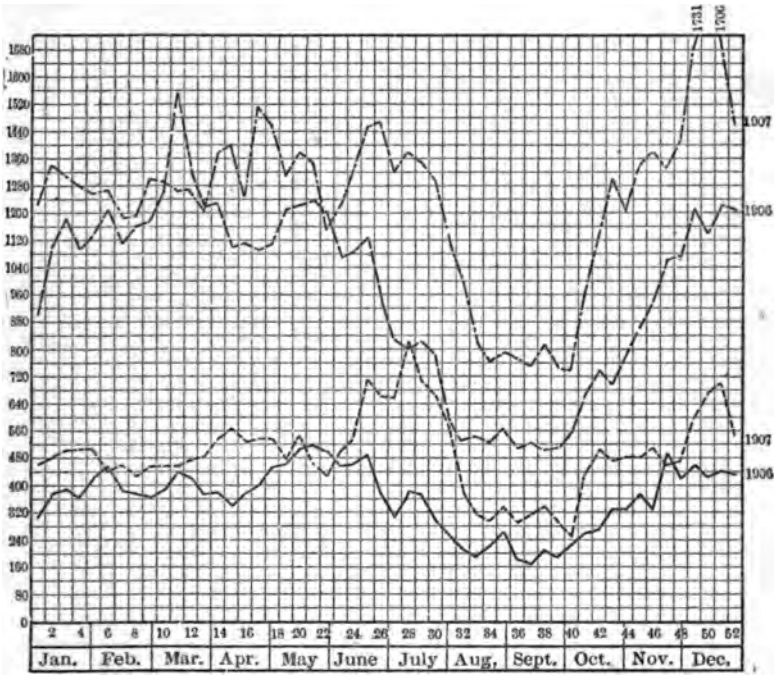


CHART SHOWING THE NUMBER OF CULTURES EXAMINED FOR THE PRESENCE OF DIPHTHERIA BACILLI AND THE NUMBER OF POSITIVE SPECIMENS DURING 1906-1907.

Chart No. 7 shows the number of cultures examined for the presence of diphtheria bacilli and the number of positive specimens for each week during 1906 and 1907. It will be seen that the 1907 line ranges almost constantly above that of 1906.

A number of changes and improvements have been made in the system of examining and reporting cultures. All culture tubes are now sealed with paraffin, and the return of a dried tube to the laboratory occurs very rarely. Contaminations are, of course, observed, but these are bound to occur owing to the impossibility of complete sterilization of blood serum.

One hundred and eight thousand culture tubes were prepared during 1907, as compared with 97,000 during 1906, and 130,000 swabs, as compared with 99,000.

Important changes have been made in the system of reporting results of examinations, especially to the Divisions of Contagious Diseases in the various Boroughs. The diphtheria slips and records are now kept in the Borough offices of the Division of Communicable Diseases. With the exception of Manhattan, duplicate culture lists are made out at night and left in the Borough offices, the results of examination being telephoned soon after nine the next morning. These lists are then forwarded to the Division of Contagious Diseases in each Borough. In Manhattan it has at last been possible to arrange for the typewriting of the daily culture list. Instead of sending the duplicate reports to the individual district inspectors, these reports are now sent en masse to the Division of Contagious Diseases in each Borough, where they are compared with the culture list and then assigned and sent out from that office. In this way numerous mistakes hitherto unavoidable are now done away with.

Everything possible has been done to simplify the system of this work. Nevertheless there must be a certain percentage of undecisive results.

TABLE 71.

Results of Bacteriological Examinations of Diphtheria Cultures, 1899 to 1907, Inclusive.

	Primary.	Positive.	Negative.	Doubtful.	Doubtful Per Cent.	Trials.	Medical School Inspectors.	Laters.	Total.
1899	11,468	5,600	3,408	2,460	21.4	523	107	8,165	20,263
1900	13,566	6,791	4,314	2,461	18.1	.....	47	11,349	24,962
1901	13,544	5,851	5,426	2,277	16.8	236	90	10,810	24,680
1902	16,653	7,757	6,837	2,059	12.3	620	892	14,483	32,648
1903	25,833	10,477	14,190	1,166	4.5	14,994	13,584	23,077	77,488
1904	27,198	12,083	14,458	657	2.4	1,195	565	25,890	54,848
1905	21,580	8,823	12,061	696	3.2	582	313	19,273	41,748
1906	25,416	9,303	14,637	1,476	5.8	476	410	24,143	50,445
1907	30,366	11,100	18,094	1,172	3.9	192	639	33,085	64,282

CHART No. 8.

TUBERCULOSIS.

Upper set of Lines: Total number of specimens examined.
1. Solid, 1906.
2. Dotted, complete, 1907.
3. Dotted, incomplete, 1908.

Lower set of Lines: Number showing Tubercle Bacilli.
1. Solid, 1906.
2. Dotted, complete, 1907.
3. Dotted, incomplete, 1908.

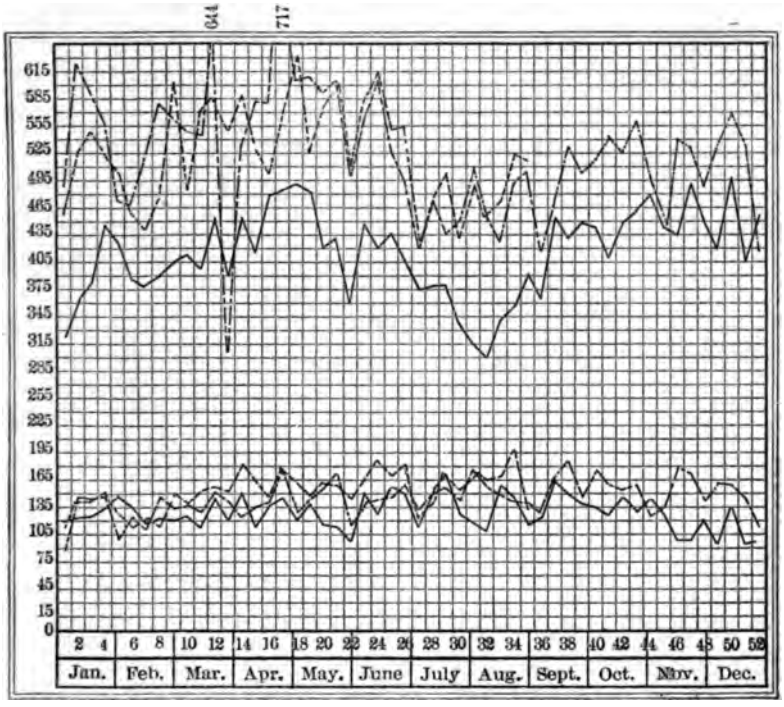


CHART SHOWING NUMBER OF SPECIMENS OF SPUTUM EXAMINATIONS FOR THE PRESENCE OF TUBERCLE BACILLI AND THE NUMBER OF POSITIVE SPECIMENS DURING 1906 AND 1907.

Table 71 gives the results of the bacteriological examinations of diphtheria cultures from 1899 to 1907. In column 5 is shown the percentage of undecisive or doubtful results. It will be seen that up to 1902 this percentage was very high. January 1, 1903, a new simplified system of reports was put into effect with a consequent fall in the number of doubtful cultures.

(b) *Sputum Examination.*

Twenty-seven thousand two hundred and seventy-seven specimens of sputum were examined during 1907, as compared with 21,779 during 1906, an increase of 6,000, or 27 per cent. This increase is well shown in Chart No. 8, giving the weekly examinations and positive results for 1906 and 1907. During one week in April, 1907, 717 specimens were examined—an average of almost 120 a day; 50,000 sputum jars were prepared during 1907, as compared with 18,000 during 1906. This great increase is largely due to the fact that all culture stations were kept fully supplied during 1907 by means of the wagonette belonging to the Division. This was not possible during 1906. No changes have been made in the method of examination.

(c) *Examination of Blood for Widal Reaction.*

During 1907, 8,480 specimens were examined, as compared with 6,160 in 1906, an increase of 2,320, or 37 per cent. This is shown in Chart No. 9, giving the number of specimens and the number of positive results for each week, during 1906 and 1907.

This chart shows also how, with the sharp increase in number of cases during April, there was a corresponding increase in the number of specimens of blood submitted.

The method of examination used was the same as during 1906. Practically no complaints of inaccuracy or contradictory results have reached the Department.

(d) *Examination of Urine for the Diazo Reaction.*

Although the Department of Health especially disclaims any pathognomonic value for the presence of the Diazo reaction in the urine of cases of suspected typhoid fever, yet the increase in the number of specimens submitted during 1907 was greater than in any other branch of the laboratory work. 1,732 specimens were submitted during 1907

as compared with 1,220 during 1906, an increase of 512, or 42 per cent.

Chart No. 10 proves the correctness of these statements and also, as in the case of chart No. 9, shows the correspondence between the number of specimens submitted and the prevalence of typhoid fever.

(e) *Examination of Blood for Malaria.*

During 1907, 1,580 specimens of blood were submitted for examination compared with 1,198 in 1906, an increase of 382, or 31 per cent. The positive specimens constituted about 10 per cent. of the whole—about the same proportion obtaining as during 1906.

(f) *Examinations for Meningococci.*

During 1907, 36 specimens of spinal fluid were examined for the presence of the *Meningococcus,* that organism being found in 7.

(g) *Glanders.*

The examination of serum from horses suspected as having glanders was transferred from the Research Laboratory to the Diagnosis Laboratory, on November 1, 1907. The work was immediately systematized, the following being drawn up and printed:

A circular of information and instruction (263 L).

A slip to accompany the outfits supplied free by the Department of Health (256 L).

A blank on which is reported the result of the examination (260 L).

Full instructions are given in the circular and on the slip, together with information dealing with the significance and value of the agglutination reaction. The work progressed very satisfactorily and the results obtained were excellent, but owing to the decrease in the amount of the appropriation for the Division of Communicable Diseases for 1908, it became necessary to transfer the work back to the Research Laboratory.

CHART No. 9.

WIDAL REACTION.

Upper Line....Total number specimens examined.
Lower Line....Number showing Widal reaction.

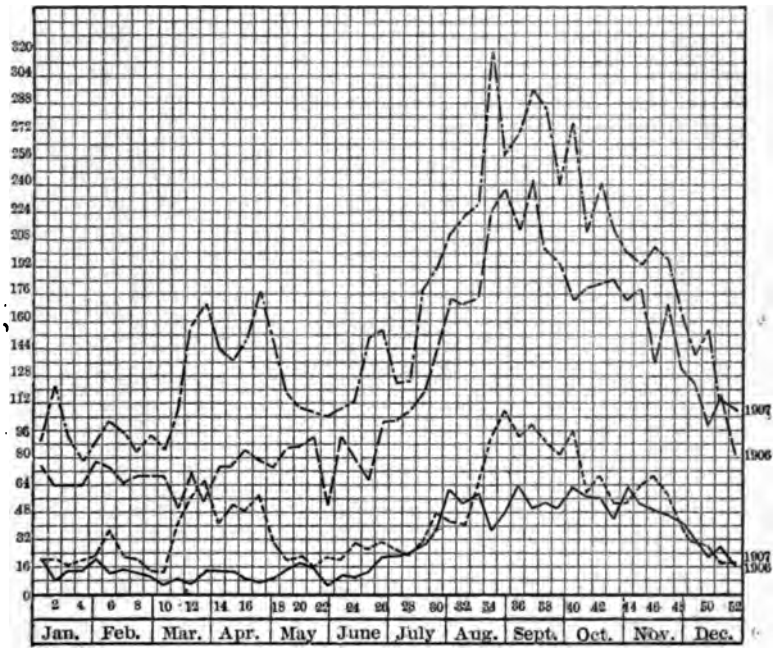


CHART SHOWING NUMBER OF SPECIMENS OF BLOOD EXAMINED FOR WIDAL REACTION, TOGETHER WITH THE NUMBER OF POSITIVE SPECIMENS DURING 1906-1907.

CHART No. 10.

DIAZO REACTION.

Upper Line....Total number specimens examined.
Lower Line....Number showing Diazo reaction.

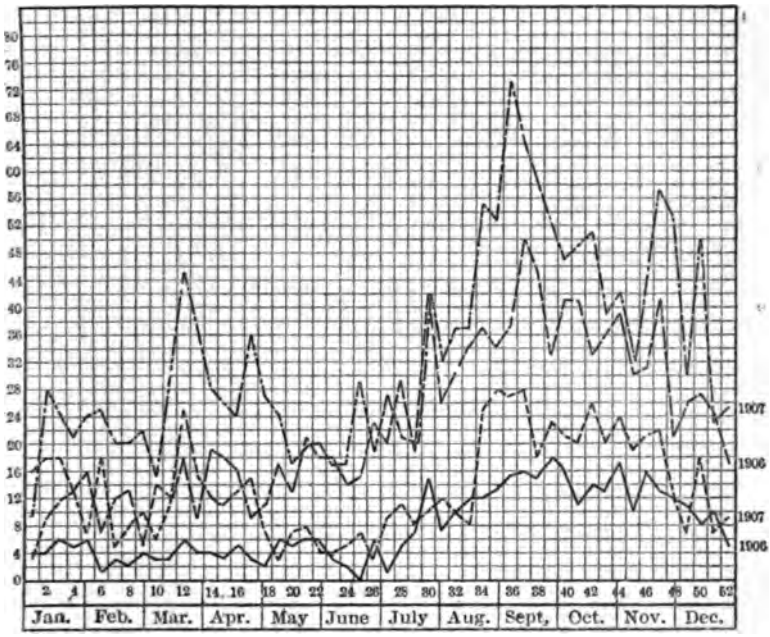


CHART SHOWING NUMBER OF SPECIMENS OF URINE EXAMINED FOR DIAZO REACTION, TOGETHER WITH THE NUMBER OF POSITIVE SPECIMENS DURING 1906-1907.

Culture Stations.

(a) *Manhattan.*

In Manhattan eleven new sub-stations were established and nine sub-stations discontinued—a gain of two. One sub-station was changed to a regular station and one new regular station established.

It became possible to bring about a great improvement in the condition of the culture stations during the latter part of 1907. A wagonette, horse, and driver were assigned to this Division and were used to visit and supply all regular stations twice a month and all sub-stations once a month. Exact records are kept of the conditions found on each visit. In this index are also kept any complaints against individual culture stations. The large tin supply boxes introduced in 1906 have proven most satisfactory and it will be necessary to order a large supply of the same during the coming year.

(b) *The Bronx.*

In the Borough of The Bronx three new sub-stations were established and nine discontinued. Arrangements have been made by which an additional collector will be assigned to duty in this Borough early in January, 1908. Five new regular stations will be established and the service greatly improved thereby.

(c) *Brooklyn.*

In Brooklyn two new regular stations were established. There are no sub-stations in this Borough.

(d) *Queens.*

The demand for the services of the Diagnosis Laboratory in the Borough of Queens became so great during the early part of 1907 that it became necessary to establish an additional number of stations and to assign an additional collector for duty in this Borough. Four new stations were established in all, and the system is working most satisfactorily.

(e) *Richmond.*

No changes were made in this Borough.

Publications.

During 1907 the following circulars, blanks and forms were prepared, printed and issued by this Division.

1. Instructions for applicants for admission to Otisville Sanatorium (227 L).

2. Blank for acknowledgment by Borough Offices to the Executive Office of the delivery and acceptance of goods (228 L).

3. "Circular of Information Regarding Consumption Cures" (229 L). This circular has been received most favorably and has been widely distributed. It is given to every new patient at the Tuberculosis Clinics and to every patient discharged from hospital visited by tuberculosis nurses. A supply has also been sent to the various Charitable Organizations dealing with tuberculosis.

4. Weekly report of Inspector-in-Charge of the Boroughs (230 L). This report has been changed to conform with the new system of records advocated by the Bureau of Municipal Research and gives all the data called for.

5. "Card of Information and Advice Regarding Tuberculosis." This card was gotten up by request of the Tuberculosis Committee of the Charity Organization Society. It is printed in red and black on stout cardboard, and has been printed in six languages (English, 231 L; Swedish, 236 L; Italian, 238 L; Bohemian, 239 L; German, 240 L; and Yiddish, 241 L). These cards are familiarly known as "Don't Spit" cards and have been printed in large numbers—420,000 in all—and issued through the Charity Organization Society to factories, department stores, railroads and numerous other places where they will do good. It is proposed to issue an equal number in 1908.

6. Inspectors' Fumigation Card: This card is based on the regular fumigation card of the Division of Contagious Diseases, but has been altered to adapt it for use in connection with tuberculosis, typhoid fever and cerebro-spinal meningitis.

7. Daily summary of sputum examinations (233 L) used in the Diagnosis Laboratory.

8. Daily summary of Widal examinations (234 L) used in Diagnosis Laboratory.

9. Daily summary of Diazo examinations (235 L) used in the Diagnosis Laboratory.

10. Inspectors' and Nurses' daily carfare and telephone record postal card (237 L) used by all employees reimbursed for carfare and telephone expenditures.

11. Name index card (242 L) used in the Tuberculosis Clinics.

12. Carfare and Telephone bill head, first sheet (243L). This is a great improvement on the old bill—all certifications, vouchers, affidavits, etc., being grouped on the front of the bill and easily seen. All carfare bills are now typewritten on these sheets.

13. Carfare bill head, second sheet (244L).

14. Notification postal from physicians of change of address or discontinuance of treatment on the part of their tuberculosis patients (245 L). One of these postals is sent to every physician reporting a case of pulmonary tuberculosis.

15. Card requesting name and address of attending physician (247 L), used in the Diagnosis Laboratory in cases where the name of the attending physician does not accompany the specimen to be examined.

16. Children's Clinic Record Card: (248 L) used at the Children's Saturday Clinics at the Department of Health Tuberculosis Clinics and also in the Associated Tuberculosis Clinics.

17. Tabulation Sheets: (Cerebro-spinal meningitis, 249 L; typhoid fever, 250 L; diphtheria antitoxin, 251 L; and pulmonary tuberculosis, 252 L; clinic cases of pulmonary tuberculosis, 253 L). By means of these sheets it is proposed to obtain complete statistics regarding the various communicable diseases in 1908. By their means, cases can be classied according to sex, five groups of ages, and seven groups of nationalities. Also according to dead and living cases. In this way much valuable information can be obtained.

18. Glanders slip (256 L) sent out with glanders outfits from Diagnosis Laboratory.

19. Weekly report of Department Tuberculosis Sanatoria (second sheet) (257 L).

20. Drug formulary (258 L). This is a formulary of the prescriptions of the medicines issued by the Tuberculosis Clinics, and is intended solely for use in those clinics and not for general distribution. It is still in the printer's hands.

21. Inspectors' and Nurses' daily carfare and telephone record cards (259 L). This is used for the same purpose as 237 L, but is not a postal card, being used by those employees who visit the Department office daily.

22. Report of examination of glanders specimens (260 L) used in the Diagnosis Laboratory.

23. Booklet of duplicate sputum slips for use of sanatoria and clinics (261 L). These booklets have been prepared for the use of the Otisville Sanatorium and the various clinics whence come a large number of specimens of sputum for examination.

24. Card for reporting cases of diphtheria to Division of Contagious Diseases (262 L). On this card are reported those cases of diphtheria first coming under the notice of the Department through a request for the injection of antitoxin.

25. Circular of Information Regarding Glanders (263 L).

26. Institution Tuberculosis Record Book (23 L.L.). These books are furnished all hospitals, dispensaries, etc., having to do with cases of pulmonary tuberculosis either for hospital care, treatment or charitable aid. As the cases apply they are entered in these books and daily or weekly the information is given to the Department of Health by telephone. They are widely used.

DIVISION OF LABORATORIES.*

Research Laboratory.

The research work of this laboratory, as in previous years, was divided into two main branches, namely, the production of vaccines and antitoxins, and the other devoted to experimental work.

The amount of diphtheria and tetanus antitoxins produced has been about the same during the past year. Over a thousand stations are now supplied by the City with diphtheria antitoxin, and also the inspectors and the hospitals of the Department (Table 73).

Table 73.

Research Laboratory—Production of Antitoxic Serums and Diagnostic Toxins, 1907.

Units of diphtheria antitoxin produced (in thousands)	280,624,250
Units of diphtheria antitoxin bottled for distribution (in thousands)	118,717,900
Cubic centimeters of diphtheria toxin produced	124,000
Units of tetanus antitoxin produced (in thousands)	8,254,000
Units of tetanus antitoxin bottled for distribution (in thousands)	1,974,000
Cubic centimeters of tetanus toxin produced	15,000
Cubic centimeters of mallein bottled for distribution	4,056
Cubic centimeters of tuberculin produced	1,200
Cubic centimeters of tuberculin bottled for distribution	1,315
Samples to toxins tested	301
Samples of antitoxin serums tested	1,394

The work in the diagnosis and treatment of hydrophobia has increased beyond any previous year. Over 240 animals were received for diagnosis, and of these 181 were found to have been rabid. The number of persons attending the Pasteur Department for treatment, or receiving treatment by mail, was 602, and of these only one developed hydrophobia, 548 did not develop the disease, while 53 were still under observation at the close of the year (Table 75).

* The Diagnosis Laboratory is under the charge of the Chief of the Division of Communicable Diseases, and the report of its work will be found in the report of that Division.

TABLE 74.

Research Laboratory—Bacteriological Examination of Specimens, 1907.

Bacteriological examinations of water	106
Bacteriological examinations of milk	14,285
Bacteriological examinations for virulence of diphtheria bacilli	249

TABLE 75.

Research Laboratory—Pasteur Treatment, 1907.

New patients treated during year	602
* Living in New York City	158
† Living outside New York City	444
Attending laboratory for treatment	137
Receiving vaccine by mail	465
Patients developing hydrophobia	1
Patients not developing hydrophobia	548
Patients under treatment December 31, 1907	20
Patients under observation December 31, 1907	33
Number of injections in patients	13,878
Animals examined for rabies	240
Cases	181
Not cases	59

The bacteriological diagnosis of glanders, by means of the agglutination test, has continued to be carried out at this laboratory. Nearly a thousand horses were tested. The results have been so satisfactory that it is probable that this method of testing will be transferred to the Diagnosis Laboratory next year.

Studies in the methods of refining and concentrating diphtheria and tetanus antitoxins, which were started in this laboratory, have been continued, and with the new year it is probable that the present refined antitoxin will be replaced with a still purer product. In this manner, the deleterious effects which have followed the use of horse serum in a certain percentage of cases will be still further avoided. This work has kept two chemists constantly occupied during the year.

The study of the causation of scarlet fever has been carried on by three workers of the staff, and while many interesting facts have developed, no definite conclusions have, as yet, been reached.

* Free † Paying.

Two of the workers have been engaged in the study of the intestinal bacteria, with the hope of gaining knowledge which will be useful in preventing the summer diarrheas of children and the intestinal disorders of older persons.

Special studies were made during the year on the so-called typhoid carriers, that is, persons who after recovering from typhoid fever continued to pass typhoid bacilli in the stools. A woman who had served as cook in various families during the past five years is known to have infected at least 26 people and has caused at least two deaths. This patient was examined from week to week. Four other typhoid carriers are at present under observation. They are in the Insane Hospital and therefore offer good opportunities for proper supervision.

Bacteriological examinations of water, milk and ice (Table 74) were carried on to a considerable extent, in order to develop the best methods for examining these substances and also to gain knowledge as to the danger that bacteria present in these fluids may offer to adults as well as children.

A considerable number of workers on the laboratory staff were occupied in testing the conclusions of Sir A. E. Wright, upon the use of vaccines in many diseases and upon the opsonic index as a test for the use of such vaccines. The conclusions drawn from this investigation were that Wright had greatly overestimated the value of the opsonic index and to some extent the value of the vaccines in acute infections. The experience gained in these studies leads to the belief, however, that a greater use could be made of the vaccines than had been thought possible before Wright had brought the subject to the general attention of physicians.

Other, more technical studies, such as the investigation of agglutinins and the fractional precipitation of immune substances have been carried on, but these have only given results of interest to workers in these special lines. While the working force of the laboratory has not been increased, several additions to the equipment of this department have been made during the year. Thus, a new electrical apparatus has been installed for a constant temperature tank, a dry sterilizer for constant temperature, and a large force pump have been added to the

laboratory outfit. Two microscopes have also been acquired, which replaced two that had become practically useless.

Vaccine Laboratory.

This Laboratory is charged with the production and testing of vaccine for the use of the Department, as well as for sale to institutions and private physicians. The work of the Laboratory is summarized in Table 76. A large amount of vaccine is constantly kept on hand for any emergency. While the production of vaccine was carried on during the year along lines established for some years past, there have been made a number of minor improvements in the technique of production, which are intended to preserve the vaccine from extraneous contamination by germs during the process of gathering and preparation. Efforts are constantly being made along this line, and the vaccine now produced by the Department is as pure as this product can be made, when it is remembered that any method which would secure an absolute destruction of germs in vaccine would nullify its potency. Special tests to detect the possible presence of tetanus germs are carried out for each strain of vaccine produced, by inoculating animals and watching them until there is no possibility of tetanus infection. Only such virus as passes this test successfully is put out, all other virus being destroyed.

Table 76.

Vaccine Laboratory—Virus Produced, Tested, and Issued, 1907.

Production of vaccine virus—	
Grams collected	261,394
Cubic centimeters of liquid virus prepared	12,300
Spades charged with humanized virus	6,050
Experimental testing of virus—	
Primary vaccinations	2,306
Secondary vaccinations	9
Visits	2,521
Miscellaneous—	
Specimens of virus tested bacteriologically	828
Inspections of virus previously sold	500
Animals vaccinated	95

TABLE 76.—(*Continued.*)

Miscellaneous—	
Animals collected from	94
Autopsies on animals	95
Guinea pigs injected	191
Other animals experimented upon	20
Mailing blocks prepared	107,328
Capillary tubes prepared	89,027
Capillary tubes destroyed	14,333

	To Chief Clerk.	To Hospitals	To Miscel-laneous.	In Exchange for Old Virus.	Total.
Vaccine Virus Issued—					
Capillary tubes	38,892	324	432	3,091	42,749
Small vials	1,742	241	44	....	3,327
Large vials	8,578	68	....	....	8,646

Next to the production of virus, the testing of its efficiency constantly occupies a part of the Laboratory's staff. During the past year this work has been carried on, not only in the usual manner of testing clinically the potency of each strain of vaccine produced before it was put out by the Laboratory, but also by means of a series of animal inoculations. These experiments were carried out with a view of devising, if possible, some method of standardizing vaccine as to its potency. Such a method is made necessary by the fact that calves differ markedly in the potency of the vaccine which they produce, and that nothing in the appearance of a calf, nor in the manifestations of the vesicles which develop in a calf during the process of formation of the virus can be taken as giving a clue to the potency of the virus produced by a given animal. In order to remedy this defect, rabbits were inoculated with diluted vaccine, a definite amount of the virus being taken and a measured surface of the animal being inoculated at each experiment. It is hoped, in this manner, or in some similar way, to develop a method whereby the number of vesicles which are formed as the result of such inoculations with standard amounts and standard surfaces of scarification will indicate the potency of a strain of virus. As yet, no definite results from these experiments can be announced.

but it is hoped that positive conclusions may be reached in time for publication in next year's Report.

Chemical Laboratory.

The total number of specimens analysed during the year was 9,048. This number was smaller than that of the previous year because in that year there were many special examinations of meats and meat products, as well as an unusually large number of samples of milk. Table 77 shows the number of specimens of each class submitted and analyzed during the year. Table 78 shows the results of each of these analyses, the various groups of products being classified according to their general chemical characters. Of the total number of analyses, 8,793 were performed by order of the Department of Health. Two samples were sent in by the Trachoma Hospital; 160 samples by the Police Department; 31 by the Department of Water Supply, three by the Department of Street Cleaning; 12 by Bellevue Hospital; four by the Department of Education; two by the Department of Correction; three by Coroners; two by the District Attorney; 21 by the Bureau of Public Buildings and Offices; four by the Fire Department; three by the Tenement House Department, and one by the New York Eye and Ear Infirmary.

A considerable amount of time was spent by the Chemist and his Assistants in attendance at Court, the number of half-days so spent, and the authorities for whom such attendance was required, are shown in Table 79.

During the past year several interesting investigations have been carried on by this Laboratory. The most important of these for the City at large was the examination of the water-supply furnished by a Company in the Borough of Richmond. It being suspected that a polluted stream constituted one of the sources of supply, some lithium chloride was introduced into the stream above the pumping station, at the suggestion of the General Medical Officer. Samples of the water were secured before the admixture of lithium chloride, and at intervals of one hour for four hours after said admixture, a house tap on the water main being used for the collection of these samples. The water was found free from lithium before the introduction of the lithium

chloride, as attested by an examination of its mineral residue by means of the spectroscope and the spectrometer. After the introduction of the lithium salt above the pumping station, however, lithium was found in increasing quantities in the water until the fourth hour, when the amount began to diminish. In this way the stream was identified as one of the sources of supply in the water system of the Company.

Experimental researches have also been carried on on the physiological effect of artificial fruit-essences and extracts, and on the sophistications of maple syrup, honey, etc. The results of these are not yet ready for publication.

TABLE 77.

Chemical Laboratory—Specimens Submitted and Analyzed, 1907.

Total number of specimens analyzed	9,048
Total number pieces of apparatus tested	553
Total number reports forwarded and filed	9,594
Specimens submitted—	
By Department of Health:	
Acetic acid	1
Air	4
Aluminum bronze	2
Apple butter	2
Arnica (Tincture of)	1
Baking powder	11
Bay rum	8
Beans, stringless (canned)	2
Beef extract	3
Beer	1
Biscuits (Casoid)	1
Biscuit powder	1
Bologna	6
Borax	1
Bread	1
Bread (gluten)	4
Breakfast food (gluten)	1
Breezerine	1
Bricks	2
Brilliantine	2
Brine solution	7
Bromangelon	1

TABLE 77.—(*Continued.*)

Specimens submitted—

By Department of Health (continued):

Bronzing liquid	2
Butter	4
Buttermilk (special)	1
Cacterine (Dr. H. Robinson's)	1
Cacterine cream	1
Candy	104
Carbolic acid solution	25
Carbon electrodes	2
Cassia	2
Catarrh powders	65
Catsup	21
Caviar	3
Celery tonic	1
Chicken	1
Chili sauce	3
Chinosol	1
Chocolate	2
Chocolate liquor	1
Cider	15
Cinnamon	1
Coal	59
Coal tar powder	2
Coca Cola	1
Coca Cola syrup	1
Cocaine	1
Cocoa	6
Cocoanut (shredded)	7
Cod-liver oil	1
Coffee	4
Coke Dandruff Cure	1
Cold cream	1
Collodion	1
Coloring matter	11
Compressed pill (throat, mentholated)	4
Compressed tablets (throat, mentholated)	5
Condensed milk, unsweetened (loose)	18
Corned beef	2
Corn starch	3
Coryzon	1

TABLE 77.—(*Continued.*)

cimens submitted—

By Department of Health (continued):

Creams, adulterated	138
Creams, special	3
Cream of Tartar	2
Creamallo	1
Creamo	1
Crystalline substance (white)	1
Curry powder	1
Enamolin	1
Effluent from Sewage Disposal Plant	1
Epsom salt	1
Essence of lemon	2
Essence of peppermint	1
Ethyl alcohol	1
Experimental analyses	60
Extract of banana	1
Extract of celery	1
Extract of cinnamon	1
Extract of cloves	1
Extract of Jamaica ginger	1
Extract of lemon	17
Extract of nutmeg	1
Extract of orange	1
Extract of pineapple	4
Extract of pistachio	1
Extract of raspberry	3
Extract of rose	2
Extract of strawberry	6
Extract of vanilla	43
Extract of witch hazel	4
Facial cream	1
Fat	1
Feathers and silk floss	2
Fillers	3
Fish (smoked)	3
Flavor, cherry	1
Flavor, chocolate	1
Flavor, lemon	11
Flavor, orange	2
Flavor, pineapple	1

TABLE 77.—(*Continued.*)

Specimens submitted—

By Department of Health (continued):

Flavor, raspberry	2
Flavor, strawberry	1
Florida water	2
Flour	1
Formaldehyde fumigator	1
Freezerine	2
Gelatine	13
Ginger ale	4
Gold bronze	2
Grape juice	3
Hair tonics	15
Ham (potted)	1
Hard oil finish	1
Hay's Hair Health	1
Headache powders	4
Honey	12
Hydrocine	1
Hygiene freezing cream	1
Inside spar	1
Iridium chloride	3
Jam	11
Jell-O	1
Jelly	12
Jellycon	1
Jelly powder	3
Lakmustinktur	1
Lard	1
Lemonade	10
Lemon juice	3
Lemon juice solution	1
Lemon evaporated	1
Lemon syrup	17
Lime juice	2
Linseed oil	4
Liquid drier	2
Liquid eggs	6
Lobster (canned)	1
Mace	4
Macaroni	1

TABLE 77—(*Continued.*)

Specimens submitted—

By Department of Health (continued):

Maple sugar	1
Meat (chopped)	25
Medicine (brown colored)	5
Menthol powder	1
Milk, adulterated	1,480
Milk bottle caps	1
Milk, condensed	71
Milk, human	2
Milk, special	11
Milk, sour	1
Milk, unadulterated	4,770
Milk, unsweetened, condensed	53
Mince meat	2
Mixture in bottle	1
Molasses	5
Mustard	10
Mustard oil	1
Nasaleze	1
Newbro's Herpicide	1
Nitrate of silver	1
Oil, mineral	1
Olive oil	8
Olives	1
Opium	2
Orange phosphate	2
Outside spar	1
Paint	2
Paint and varnish remover	1
Paprica	2
Paraform	2
Pears (canned)	1
Peas (canned)	8
Pepper	6
Piccoletti	1
Pickles	2
Pig's foot	2
Plums (canned)	1
Plum pudding	2

TABLE 77.—(*Continued.*)

Specimens submitted—

By Department of Health (continued):

Pork (fresh)	2
Pork and beans (canned)	2
Powder (reddish)	1
Powder (Phenacetin)	1
Powder (white)	10
Proto puffs (American)	1
Pudding (cocoanut rice)	1
Puft Brodt (Austrian)	1
Rolls	1
Rose cream	1
Salad cream	1
Salad dressing	1
Salad oil	7
Salmon (canned)	5
Sarsaparilla	6
Sausages	4
Scrapings from walls and ceilings	1
Shellac	3
Shellac and denatured alcohol	1
Silver polish	2
Soda-water	17
Soaps	7
Soaps, chips	3
Soil	1
Shampoo, dry	5
Shampoo, liquid	1
Shrimp (canned)	1
Spirits of camphor	7
Starch	2
Steak	1
Stomach and liver section	1
Succotash	1
Substance (white)	2
Substance (black)	1
Substance (green)	1
Substance (red)	1
Sugar corn	2
Sugar syrup	1

TABLE 77.—(*Continued.*)

Specimens submitted—

By Department of Health (continued):

Sweet oil	1
Syrup, maple	34
Syrup, orange	1
Syrup, raspberry	1
Syrup of white pine compound	1
Tablets (Muriate of Ammonia)	1
Tallow, refined edible	1
Tamales	1
Tannic acid	1
Tartar	2
Tea	1
Thymocol	1
Toilet water	18
Tomatoes (canned)	23
Tomato paste	1
Tomato soup	2
Turpentine	3
Urine	4
Vanilla bean	2
Vanoleum	1
Varnish	7
Vegetation grass	4
Vegetation leaves	5
Vichy	1
Vinegar	9
Violet extract	1
Vomit	1
Wall paper	2
Waters (sanitary purity)	972
Waters (chlorine)	102
Waters (cellar)	15
Waters (special)	5
Water (colored)	1
Westphahl's Auxiliator	1
Whiskey	31
Wine	1
Wine (claret)	1
Wine (coca)	5

TABLE 27— (*Continued*).

Specimens submitted—

By Department of Health (continued):

Wine (Vin Mariani)	9
Wood paving block	2
Worcestershire sauce	1
Yeast powder	1
Total	8,793

By Trachoma Hospital:

Jam	1
Nitrous oxide	1
Total	2

By Police Department:

Bran-like substance	1
Carbolic acid	1
Cocaine	1
Clothing	8
Envelope containing bottle	2
Glasses	1
Ham	1
Liquids	73
Meat (chopped)	2
Meat extract	1
Morphine	1
Morphine and atropine mixture	1
Opium (tincture)	1
Phenacetin	1
Pills	3
Powders	23
Roll of paper	1
Sausage	1
Scrapings from person	3
Substance (blue)	1
" (brown)	16
" (white)	3
Tablets	3
Trional	1
Vomit	1

TABLE 77—(*Continued.*)

nens submitted—

y Police Department (continued):

White crystals	5
" crystalline substance	4
Total	160

y Department of Water Supply:

Cellar waters	31
Total	31

y Department of Street Cleaning:

Ashes	1
Paint	2
Total	3

By Bellevue Hospital:

Washing soda	5
Corn starch	1
Mustard	1
Baking powder	1
Sweet oil	1
Cream	1
Soap	2
Total	12

Department of Education:

Coal	1
Muriatic acid	2
Soap	1
Total	4

By Department of Correction:

Pearline	1
Soap powder	1
Total	2

TABLE 77.—(*Continued.*)

Specimens submitted—

By Coroner:

Candy	1
Portion of body	1
Stomach contents	1
Total	3

By District Attorney:

Pills	1
Pink salve	1
Total	2

By Bureau of Public Buildings and Offices:

Eureka Bleach	4
Jelly Oil Soap	6
Lubricating oil soap	5
Soap powder	6
Total	21

By Fire Department:

Soap powder	4

By Tenement House Department:

Cellar waters	3

By New York Eye and Ear Infirmary:

Urine	1

TABLE 70.

RESULTS OF ANALYSES, 1907.

Alcoholic Beverages.

Analysis Number.	From Whom Received.	Samples and Brand.	Results.
29607	Herman & Heim, Terminal House, South Beach, S. I.	Lager beer, bottled, Rubsam & Horrmann	Free from poisonous metals, sulphites, salicylic acid, benzoic acid, fluorides, formaldehyde, beta naphthol and saccharin.
30216	Dr. Park, Research laboratory	Lakmustinktur	Litmus 0.7 grams per 100 cm.; alcohol by weight, 9.96 per cent.; alcohol by volume, 12.40 per cent.
28502	Charles Grill, 2591 Eighth avenue, Major Paul's	Whiskey	Methyl alcohol absent.
28928	Cushing Medical Co., 136 Fulton street	Rye Whiskey	Methyl alcohol absent.
29126	Abr. Hochman, 18 Stanton street	Whiskey	Alcohol by weight, 35.15 per cent.; alcohol by volume, 42.06 per cent.; extractive matter, 0.45 per cent.; ash, none; methyl alcohol, none; artificial coloring matter, coal-tar-dyes, none.
28539	Chief Clerk's office	Whiskey	Alcohol by weight, 41.20 per cent.; by volume, 48.59 per cent.; total solids, 0.21 per cent.
28637	Chief Clerk's office	Whiskey	Alcohol by weight, 35.75 per cent.; by volume, 42.67 per cent.; total solids, 0.31 per cent.
28638	Chief Clerk's office	Whiskey	Alcohol by weight, 41.40 per cent.; by volume, 48.80 per cent.; total solids, 0.19 per cent.
28774	Chief Clerk's office	Whiskey	Alcohol by weight, 37.79 per cent.; by volume, 44.92 per cent.; ash, 0.36 per cent.
28904	Chief Clerk's office	Whiskey	Alcohol by weight, 36.99 per cent.; by volume, 44.00 per cent.; extract, 0.27 per cent.
28905	Chief Clerk's office	Whiskey	Alcohol by weight, 37.48 per cent.; by volume, 44.61 per cent.; extract, 0.27 per cent.
28906	Chief Clerk's office	Whiskey	Alcohol by weight, 37.59 per cent.; by volume, 44.73 per cent.; extract, 0.28 per cent.
28907	Chief Clerk's office	Whiskey	Alcohol by weight, 37.50 per cent.; by volume, 44.61 per cent.; extract, 0.22 per cent.
28908	Chief Clerk's office	Whiskey	Alcohol by weight, 42.01 per cent.; by volume, 49.55 per cent.; extract, 0.41 per cent.
28909	Chief Clerk's office	Whiskey	Alcohol by weight, 38.38 per cent.; by volume, 45.65 per cent.; extract, 0.58 per cent.
28910	Chief Clerk's office	Whiskey	Alcohol by weight, 41.93 per cent.; by volume, 49.45 per cent.; extract, 0.19 per cent.
29069	Chief Clerk's office	Whiskey	Alcohol by weight, 41.55 per cent.; by volume, 48.97 per cent.; extract, 0.28 per cent.
29070	Chief Clerk's office	Whiskey	Alcohol by weight, 42.26 per cent.; by volume, 49.81 per cent.; extract, 0.28 per cent.

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
29224	Chief Clerk's office	Whiskey	Alcohol by weight, 42.85 per cent.; by volume, 50.42 per cent. extract, 0.25 per cent.
29225	Chief Clerk's office	Whiskey	Alcohol by weight, 42.45 per cent.; by volume, 50.01 per cent.; extract, 0.26 per cent.
29226	Chief Clerk's office	Whiskey	Alcohol by weight, 41.97 per cent.; by volume, 49.40 per cent.; extract, 0.26 per cent.
29423	Chief Clerk's office	Whiskey	Alcohol by weight, 48.91 per cent.; by volume, 41.41 per cent.; solids, 0.353 per cent.
29424	Chief Clerk's office	Whiskey	Alcohol by weight, 49.02 per cent.; by volume, 41.78 per cent.; solids, 0.347 per cent.
29425	Chief Clerk's office	Whiskey	Alcohol by weight, 48.80 per cent.; by volume, 41.33 per cent.; solids, 0.340 per cent.
29505	Chief Clerk's office	Whiskey	Alcohol by weight, 40.67 per cent.; by volume, 48.10 per cent.; extract, 0.28 per cent.
29506	Chief Clerk's office	Whiskey	Alcohol by weight, 40.90 per cent.; by volume, 48.32 per cent.; extract, 0.28 per cent.
29507	Chief Clerk's office	Whiskey	Alcohol by weight, 41.18 per cent.; by volume, 48.64 per cent.; extract, 0.28 per cent.
29538	Chief Clerk's office	Whiskey	Alcohol by weight, 40.29 per cent.; by volume, 47.62 per cent.; extract, 0.27 per cent.
29539	Chief Clerk's office	Whiskey	Alcohol by weight, 40.77 per cent.; by volume, 48.21 per cent.; extract, 0.28 per cent.
29540	Chief Clerk's office	Whiskey	Alcohol by weight, 40.14 per cent.; by volume, 47.51 per cent.; extract, 0.24 per cent.
29628	Chief Clerk's office	Whiskey	Alcohol by weight, 42.31 per cent.; by volume, 49.81 per cent.; extract, 0.164 per cent.
29629	Chief Clerk's office	Whiskey	Alcohol by weight, 42.30 per cent.; by volume, 49.81 per cent.; extract, 0.164 per cent.
29630	Chief Clerk's office	Whiskey	Alcohol by weight, 42.29 per cent.; by volume, 49.81 per cent.; extract, 0.139 per cent.
29266	John Kramer, 428 Seventh avenue	Mariani wine, Vin Mariani	Alcohol by weight, 13.02 per cent.; by volume, 16.61 per cent.; cocaine per fluid ounce, 0.05 grains.
28566	Siegel-Cooper Co., Eighteenth street and Sixth avenue	Mariani wine, Vin Mariani	Alcohol by weight, 13.79 per cent.; by volume, 17.59 per cent.; cocaine per fluid ounce, 0.078 grains.
28567	Hegeman & Co. 200 Broadway	Mariani wine, Vin Mariani	Alcohol by weight, 12.39 per cent.; by volume, 15.77 per cent.; cocaine per fluid ounce, 0.082 grains.
28583	Wm. B. Riker & Sons, Twenty-third street and Sixth avenue	Mariani wine, Vin Mariani	Alcohol by weight, 13.71 per cent.; by volume, 17.48 per cent.; cocaine per fluid ounce, 0.094 grains.
28610	Lipton Pharmacy, 48 Union square	Mariani wine, Vin Mariani	Alcohol by weight, 12.99 per cent.; by volume, 16.61 per cent.; cocaine per fluid ounce, 0.057 grains.
28634	C. O. Bigelow, 106 Sixth avenue	Mariani wine, Vin Mariani	Alcohol by weight, 13.22 per cent.; by volume, 16.89 per cent.; cocaine per fluid ounce, 0.064 grains.
28636	J. & T. Grotta, 448 Sixth avenue	Mariani wine, Vin Mariani	Alcohol by weight, 13.40 per cent.; by volume, 17.08 per cent.;

29231	J. & F. Grotta, 446 Sixth avenue	Mariani wine, Vin Mariani	[illegible] volume, 10.33 per cent.; cocaine per fluid ounce, 0.04 grains.
29221	R. Hudnut's Pharmacy, 925 Broadway	Coca wine	Alcohol by weight, 13.88 per cent.; by volume, 18.48 per cent.; cocaine per fluid ounce, 0.085 grains.
29232	Caswell-Massey Co., Broadway and Thirty-first street	Maltine with coca wine	Alcohol by weight, 11.93 per cent.; by volume, 16.61 per cent.; cocaine per fluid ounce, 0.02 grains.
29267	Daggett & Ramsdell, West Thirty-fourth street	Wine of coca	Alcohol by weight, 16.44 per cent.; by volume, 21.39 per cent.; cocaine per fluid ounce, 0.03 grains.
29575	J. Jungman, 1 East Forty-second street	Wine of coca	Alcohol by weight, 15.34 per cent.; by volume, 19.87 per cent.; cocaine absent.
29594	Perry's Pharmacy, World Building, Park Row	Wine of coca, Metcalf's	Cocaine absent.
29820	Zimmerman & Berger, 780 Third avenue	Claret wine	Alcohol by weight, 10.00 per cent.; by volume, 12.20 per cent.; no preservatives or artificial coloring matter present.
28577	Dr. Biggs	Wine	Sugar, none.

Baking Powder.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
27837	Siegel-Cooper Co., Eighteenth street and Sixth avenue	Baking powder, Egg	Available carbon dioxide, 10.28 per cent.; starch, phosphates and aluminum present.
27986	Crandall & Godley, 157 Franklin street	Baking powder, Red Label	Available carbon dioxide, 8.27 per cent.; starch, phosphates and aluminum present.
27987	Crandall & Godley, 157 Franklin street	Baking powder, Golden Crown	Available carbon dioxide, 13.23 per cent.; starch, phosphates and tartrate present.
27990	Wood & Selick, Duane and Hudson streets	Baking powder, Peerless	Available carbon dioxide, 14.12 per cent.; starch, phosphates and aluminum present.
27991	Wood & Selick, Duane aud Hudson streets	Baking powder, Favorite	Available carbon dioxide, 13.73 per cent.; starch, phosphates and tartrates present.
28285	Andrew Davey, 350 Greenwich street	Baking powder	Available carbon dioxide, 9.34 per cent.; starch, phosphates and aluminum present.
28033	Jaburg Bros., 10 Leonard street	Baking powder, Eclipse	Available carbon dioxide, 12.94 per cent.; starch, phosphates, tartrates and aluminum present.
28036	Jaburg Bros., 10 Leonard street	Baking powder, pure	Available carbon dioxide, 13.68 per cent.; phosphates, tartrates and aluminum present.
28050	James Butler, 394 Washington street	Baking powder, Blue Ribbon	Available carbon dioxide, 12.10 per cent.; starch and tartrates present.
28103	Great Atlantic and Pacific Tea Co., 467 Second avenue	Baking powder, A. & P.	Available carbon dioxide, 7.71 per cent.; starch, phosphates and aluminum present.
28136	James Butler, 514 Second avenue	Baking powder, Blue Ribbon	Available carbon dioxide, 11.87 per cent.; starch and tartrates present.
28787	Chief Sanitary Inspector	Baking powder, Davis' O. K.	Available carbon dioxide, 12.59 per cent.; starch, phosphates and aluminum present.
28035	Jaburg Bros., 10 Leonard street	Yeast	Available carbon dioxide, 15.10 per cent.; starch and tartrates present.

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
27994	Wood & Selick, Duane and Hudson streets..	Creamo	Sample contains calcium sucrate.
27984	Crandall & Godley, 157 Franklin street	Cream of tartar	1 gram, ashed, 10.4 cm.; $^{3}N/_{2}$ acid; heavy metals, ammonia, alum, phosphates and starch, none.
27989	Wood & Selick, Duane and Hudson streets..	Cream of tartar, 99 per cent	Potassium bitartrate, 99.00 per cent.; 1 gram, ashed, 10.4 cm.; $^{3}N/_{2}$ acid; heavy metals, ammonia, alum, phosphates and starch, none.
27992	Wood & Selick, Duane and Hudson streets..	Tartar, Peerless	1 gram, ashed, acid reaction; .5 grams in 3 c.c. ammonia, residue; heavy metals and ammonia none; alum, phosphates and starch, present.
28034	Jaburg Bros., 10 Leonard street	Tartar, Royal	1 gram, ashed, 0.2 c.c.; $N/_{2}$ acid; .5 grams in 3 c.c. ammonia, residue; heavy metals and ammonia none; alum, phosphates and starch present.
28530	H. M. Biggs	Biscuit, Casoid	Found 2.718 per cent. starch.
28532	H. M. Biggs	Breakfast food, gluten	Fonnd 47.49 per cent. starch.
28531	H. M. Biggs	Bread, gluten	Found 9.54 per cent. starch,
28358	L. Lust, Health Food, 100 East One Hundred and Fifth street	Bread, gluten (diabetic)	Moisture, 34.80 per cent.; total protein, 9.31 per cent. protein, as gluten, 6.60 per cent.; protein, non-gluten, 2.71 per cent.; ether extract, 3.15 per cent.; crude fiber, 0.97 per cent.; sugar, 0.50 per cent.; starch, 47.64 per cent.; dextrin, trace.
29657	Fred. Bender, 1306 Second avenue	Bread, gluten	Poisonous metals none; moisture, 20.62 per cent.; ash, 3.19 per cent.
29847	Commissioners' office	Bread	Proteids, 6.01 per cent.; cane sugar absent; invert sugar, trace; starch, present.
29974	Dr. Billing's office	Bread	Dark spots in bread are due to moulds.
29772	Manhattan Pie Baking Co., 5 Cannon street.	Peach filler	Benzoic acid, salicylic acid, saccharin, formaldehyde and sulphites absent.
29773	Manhattan Pie Baking Co., 5 Cannon street.	Apple filler	Benzoic acid, salicylic acid, saccharin, formaldehyde and sulphites absent.
29774	Manhattan Pie Baking Co., 5 Cannon street.	Huckleberry filler	Benzoic acid, salicylic acid, saccharin, formaldehyde and sulphites absent.
29975	Dr. Billings	Flour	Flour is of good quality.
28533	Borough of The Bronx, Health Department office	Macaroni	Sample does not contain any acid.
28630	Chief Clerk's office	Corn starch, Duryeas'	Microscope shows nothing but pure corn starch.
28631	Chief Clerk's office	Corn starch, Sunbeam	Microscope shows nothing but pure corn starch.
28632	Chief Clerk's office	Starch	Microscope shows nothing but pure corn starch.

[illegible]	[illegible]	[illegible]	[illegible] per cent.
30079	Commissioner's office	Austrian Puft brod	Proteids, 63.63 per cent.; cane sugar absent; starch, 17.46 per cent.
29286	Isidor Hochberg and M. Hirchhorn, 11 Clinton street	Rolls	Heavy metals absent; ammonia absent.

Candy, Ice Cream, Etc.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
27796	John S. Nicholas, 117 Lenox avenue	Candy, nut caramel	Paraffin and heavy metals absent.
27869	John Ebert, 84 East End avenue	Candy, cordial drops	Alcohol present.
27881	Morris Bel Port, 1958 Second avenue	Candy	Alcohol absent.
27915	Philip Leon, 151 East Fourth street	Candy, fish	Paraffin and heavy metals absent.
27958	G. Schulz, 653 Ninth avenue	Peppermint candy	Paraffin and heavy metals absent; artificial coloring matter, coal-tar colors, present.
27959	G. Schulz, 653 Ninth avenue	Molasses taffy	Paraffin and heavy metals absent.
27960	G. Schulz, 653 Ninth avenue	Peanut taffy	Paraffin and heavy metals absent.
27961	G. Schulz, 653 Ninth avenue	Butter taffy	Paraffin and heavy metals absent.
27970	Nathan Cohen, 200 East One Hundred and Tenth street	Candy, licorice buttons	Starch and licorice present; lampblack absent.
27971	Nathan Cohen, 200 East One Hundred and Tenth street	Candy, licorice squares	Starch and licorice present; lampblack absent.
27972	Nathan Cohen, 200 East One Hundred and Tenth street	Candy, licorice pastilles	Starch and licorice present; lampblack absent.
27973	Nathan Cohen, 200 East One Hundred and Tenth street	Candy, licorice babies	Starch and licorice present; lampblack absent.
27974	Nathan Cohen, 200 East One Hundred and Tenth street	Candy, licorice strings	Starch and licorice present; lampblack absent.
27975	Abr. Weinburg, 2091 Second avenue	Candy, licorice gum drops	Starch and licorice present; lampblack absent.
27976	Nathan Block, 232 East One Hundred and Tenth street	Candy, licorice sticks	Starch and licorice present; lampblack absent.
27977	Nathan Block, 232 East One Hundred and Tenth street	Candy, licorice pastilles	Starch and licorice present; lampblack absent.

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
27978	Louis Resnik, 246 East One Hundred and Tenth street	Candy, licorice oil cans	Starch and licorice present; lampblack absent.
28067	A. Shubkin, 828 Third avenue	Candy, licorice sticks	Starch and licorice present; lampblack absent.
28068	John E. Staub, 882 Third avenue	Licorice pellets	Starch and licorice present; lampblack absent.
28091	Frank Shelling, 9 Ridge street	Candy, licorice strawberries	Starch and licorice present; lampblack absent.
28092	Jacob Simon, 119 Attorney street	Candy, licorice pennies	Starch and licorice present; lampblack absent.
28093	Abr. Siegel, 153 Broome street	Candy, licorice raspberries	Starch and licorice present; lampblack absent.
28094	John Grammas, 1930 Third avenue	Licorice gum drops	Starch and licorice present; lampblack absent.
28095	Morris Rathaus, 734 East 5th street	Licorice whips	Starch and licorice present; lampblack absent.
28096	Morris Kivitz, 178 Essex street	Licorice tubes	Starch and licorice present; lampblack absent.
28097	Wolf Gottlieb, 43 Forsyth street	Licorice sticks	Starch and licorice present; lampblack absent.
28126	George Davis, 20 Wooster street	Candy	Sample contains 0.0033 per cent. of sulphurous acid.
28175	Siegel, Cooper Co., Sixth avenue and Eighteenth street	Candy	Mineral adulterants, poisonous metals, paraffin, starch and artificial color, coal tar, absent.
28179	Abr. Bergers, 42 Rivington street	Candy	Sample contains no coloring matter or poisonous metals.
28180	Conrad Wack, 46 Rivington street	Candy, cordial drops	Alcohol absent.
28221	Inspector Fuller, Department of Health	Candy	Sample contains 0.0295 per cent. of sulphurous anhydride (SO_2).
28221 A	Inspector Fuller, Department of Health	Candy	Sample contains 0.0295 per cent. of sulphurous anhydride (SO_2).
28313	Louis G. Hellmers, 1507 Avenue A	Candy, taffy	Cinnamon present; colored with coal-tar dye.
28340	Gordon Wolf & Co., 101 Cannon street	Halva	Coloring matter and poisonous metals absent.
28350	J. Taland, 229 West Sixtieth street	Candy	Puraffin and heavy metals absent; artificial coloring matter, coal-tar dyes, present.
28351	Dell's, Broadway and Thirty-seventh street	Candy, caramel	Paraffin and heavy metals absent; artificial coloring matter, coal-tar dyes, absent.
28352	Dell's, Broadway and Thirty-seventh street	Chocolate cream drops	Paraffin and heavy metals absent.
28353	C. Helmstetter, 554 Broome street	Chocolate colored coffee drops	Alcohol absent.
28357	Dell's, corner Thirty-seventh street and Broadway	Caramels	Paraffin absent.

28518	[illegible] Bros., Madison avenue and One Hundred and Fifty-fifth street	Cordial drops	
28519	Chas. Chicklacos, 2167 Third avenue	Cordial drops	Alcohol present.
28520	Eliza Tiedemann, 2296 Third avenue	Cordial drops	Alcohol present.
28521	Wm. Ypsilante, 1653 Madison avenue	Cordial drops	Alcohol present.
28522	Morris Ehrlich, 1685 Lexington avenue	Cordial drops	Alcohol absent.
28525	Harry Kronick, 1701 Lexington awenue	Cordial drops	Alcohol absent.
28526	Wm. H. Walters, 1976 Third avenue	Licorice	Artificial coloring matter, coal-tar colors and carbon, absent.
28950	John Hildebrandt, 1512 Third avenue	Chocolate cordial drops	Alcohol present.
28591	J. Finke, 1655 First avenue	Cordial drops	Alcohol present.
28592	Abt. F. Mayer, 1418 Third avenue	Cordial drops	Alcohol present.
28593	Samuel Rappaport, 1381 Third avenue	Cordial drops	Alcohol absent.
28594	Jos. Shore, 356 East Eighty-first street	Cordial drops	Alcohol absent.
28595	Annie Blathman, 1307 Third avenue	Cordial drops	Alcohol absent.
28606	Marcks, 453 Third avenue	Chocolate caramels	Paraffin absent.
28607	Emil Roggenkamp, 810 Third avenue	Liquid drops	Alcohol present.
28608	Marcks, 453 Third avenue	Vanilla caramels	Paraffin absent.
28609	Henry Bruns, 848 Third avenue	Cordial drops	Alcohol present.
28687	Horn & Sachar, 86 Forsyth street	Chocolate, Crave & Martin Co.	Moisture, 0.97 per cent.; ash, 1.96 per cent.; ether extract, 27.44 per cent.; cocoa shells, none.
28689	Horn & Sachar, 86 Forsyth street	Chocolate, Hooton	Moisture, 0.52 per cent.; ash, 1.48 per cent.; ether extract, 24.96 per cent.; cocoa shells, none.
28692	Horn & Sachar, 86 Forsyth street	Sweet chocolate midgets, Vienna	Moisture, 0.25 per cent.; ash, 1.12 per cent.; ether extract, 25.73 per cent.; cocoa shells, none.
28695	J. Tompkins 581 Ninth avenue	Rock candy	Cane sugar, 98.8 per cent.; glucose and sulphites, none.
28699	Hawley & Hoops, 267 Mulberry street	Chocolate cream drops	Alcohol absent.
28686	Horn & Sachar, 86 Forsyth street	Chocolate tablets, Crave & Martin	Moisture, 1.25 per cent.; ash, 2.04 per cent.; ether extract, 28.89 per cent.; cocoa shells, none.
28688	Horn & Sachar, 86 Forsyth street	Chocolate bars, O. K.	Moisture, 1.88 per cent.; ash, 1.81 per cent.; ether extract, 23.21 per cent.; cocoa shells, none.
28690	Horn & Sachar, 86 Forsyth street	Chocolate bars, Little Japs	Moisture, 0.54 per cent.; ash, 1.62 per cent.; ether extract, 20.27 per cent.; cocoa shells, none.

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
28691	Horn & Sachar. 86 Forsyth street	Chocolate bars, 16 to 1	Moisture, 0.43 per cent.; ash, 1.58 per cent.; ether extract, 20.46 per cent.; cocoa shells, none.
28693	Horn & Sachar, 86 Forsyth street	Sweet clover chocolate, Wilbur's	Moisture, 0.49 per cent.; ash, 1.30 per cent.; ether extract, 20.27 per cent.; cocoa shells, none.
28694	Horn & Sachar, 86 Forsyth street	Chocolate cigars, Hooton's	Moisture, 0.52 per cent.; ash, 1.58 per cent.; ether extract, 24.21 per cent.; cocoa shells, none.
28895	Mr. Fuller	Candied pineapple	Sample contains 0.016 per cent. anhydrous sulphurous acid (SO_2).
28930	Henry Kessler, 711 Amsterdam avenue	Liquid candy drops	Alcohol absent.
28931	Marcus Braunstein, 773 Amsterdam avenue	Liquid candy drops	Alcohol absent.
28932	Henry Gleisch, 709 Amsterdam avenue	Liquid candy drops	Alcohol absent.
28933	Jos. Weissman, 685 Amsterdam avenue	Liquid candy drops	Alcohol present.
28934	Jos. Higgins, 122 West One Hundred and First street	Liquid candy drops	Alcohol present.
28935	Morris Levy, 815 Amsterdam avenue	Candy drops	Alcohol present.
28936	Wolf Nelson, 785 Amsterdam avenue	Liquid candy drops	Alcohol present.
28937	Jacob Koshoff, 46 West One Hundred and Sixteenth street	Liquid candy drops	Alcohol present.
28938	Bernard Cohen, 986 Columbus avenue	Liquid candy drops	Alcohol present.
28939	Isaac Weinstein 131 West One Hundred and First street	Liquid candy drops	Alcohol absent.
28940	Emil Stern, 765 Amsterdam avenue	Liquid candy drops	Alcohol absent.
28941	Hyman Olean, 1407 Fifth avenue	Liquid candy drops	Alcohol absent.
28956	George Marblestein, 2198 Fifth avenue	Bottle candy, white seal	Alcohol absent.
28958	Louis Alberg, 2140 Fifth avenue	Cordial drops	Alcohol absent.
28959	Jos. Levinson, 1724 Amsterdam avenue	Cordial drops	Alcohol present.
28960	Louis Miesner, 1729 Amsterdam avenue	Cordial drops	Alcohol absent.
28961	Jacob Dreifoss, 2292 Eighth avenue	Cordial drops	Alcohol absent.
28962	Abr. Jankow, 2180 Eighth avenue	Cordial drops	Alcohol absent.
28963	Wm. Weisfeld, 2456 Eighth avenue	Cordial drops	Alcohol absent.

29009	Henry Martens, 168 Lenox avenue	Cordial drops, mint	Alcohol absent.
29010	Henry Morrison, 475 Lenox avenue	Cordial drops	Alcohol absent.
29011	Geo. Weissman, 468 Lenox avenue	Cordial drops	Alcohol absent.
29056	Noah Moscowitz, 2794 Eighth avenue	Cordial drops	Alcohol present.
29057	Balthassar Mora, 2754 Eighth avenue	Cordial drops	Alcohol present.
29100	Hawley & Hoops, 267 Mulberry st	Chocolate cigars	Alcohol absent.
29545	S. Kramer, 197 East Broadway	Candy	Starch present, poisonous metals and artificial coloring matter, coal tar dyes, absent.
29559	Mr. Fuller	Candy pineapple	Sample contains 0.008 per cent. anhydrous sulphurous acid (SO_2).
29608	Nunley's Pavilion, South Beach, S. I.	Colored popcorn, Brackett's	Poisonous metals none; artificial color present.
29860	Isaac Gellman, 144 Forsyth street	Candy	Mineral matter and poisonous metals absent, coal tar dyes present in the pink candy but absent in the white candy.
30431	The Chapel of Incarnation	Candy	Free from poisonous metals and starch, glucose present.
30432	The Chapel of Incarnation	Candy, mixed	Free from poisonous metals and starch, glucose present.
30447	Store, 236 East Fifty-fifth street	Candy, assorted	A—Starch and glucose present; arsenic and heavy metals absent; aniline dye trace. B—Starch and glucose present; arsenic and heavy metals absent; aniline dye present. C—Starch and glucose present; arsenic and heavy metals absent; aniline dye trace. D—Starch and glucose present; arsenic and heavy metals absent; aniline dye trace.
30448	M. Brennan, 49 East Fifty-ninth street	Candy, assorted	A—Starch and glucose present; arsenic and heavy metals absent; aniline dye present. B—Starch none; glucose present; arsenic and heavy metals absent; aniline dye trace.
30516	Knickerbocker Chocolate Co., West Thirty-first street	Chocolate	Cocoa shells none.
27722	A. M. Powell & Co., 152 Chambers street	Chocolate, U. S. "Powell's"	Ether extract, 35.30 per cent.; Iodine number, 36.50 per cent.; melting point begins 30° C.; complete 33° C.; solidifying point, 33° C.; refractive index, 40°, 1.45 per cent.; cocoa butter varies from 1.4565 to 1.4578.
28685	Runkel Bros., West Thirtieth street	Chocolate, Runkel's	Cocoa shells none.
29141	Department of Inspection, Manhattan	Chocolate liquor	Moisture, 1.19 per cent.; ash, 4.37 per cent.; ether extract, 43.50 per cent.; cocoa shells none.

TABLE 78—(*Continued*).

Coals.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
28025	Kingston Avenue Hospital	Coal	Moisture, 1.11 per cent.; volatile and combustible, 5.02 per cent.; fixed carbon, 83.54 per cent.; ash, 10.33 per cent.
28026	Kingston Avenue Hospital	Coal	Moisture, 2.18 per cent.; volatile and combustible, 5.66 per cent.; fixed carbon, 82.48 per cent.; ash, 9.68 per cent.
28220	Chief Clerk's office	Coal	Moisture, 1.25 per cent.; volatile and combustible, 7.64 per cent.; fixed carbon, 75.73 per cent.; ash, 15.38 per cent.
28082	Dr. Wilson	Coal, dried	Moisture, 3.58 per cent.; volatile and combustible, 4.74 per cent.; fixed carbon, 68.18 per cent.; ash, 23.50 per cent.; water on coal, 8.26 per cent.
28163	Dr. Wilson	Coal	Moisture, 3.25 per cent.; volatile and combustible, 5.42 per cent.; fixed carbon, 76.55 per cent.; ash, 14.78 per cent.; added moisture, 7.00 per cent.
28164	Dr. Wilson	Coal	Moisture, 3.83 per cent.; volatile and combustible, 8.41 per cent.; fixed carbon, 75.96 per cent.; ash, 11.80 per cent.; added moisture, 8.00 per cent.
28627	Willard Parker Hospital	Coal	Moisture, 2.99 per cent. volatile and combustible, 6.43 per cent.; fixed carbon, 71.28 per cent.; ash, 19.30 per cent.
29036	Willard Parker Hospital	Coal	Moisture, 2.95 per cent.; volatile and combustible, 6.08 per cent.; fixed carbon, 71.05 per cent.; ash, 19.92 per cent.
29037	Chief Clerk's office via Franklin Edson	Coal	Moisture, 2.21 per cent. volatile and combustible, 4.68 per cent.; fixed carbon, 81.11 per cent.; ash, 12.00 per cent.
29038	Chief Clerk's office via Franklin Edson	Coal	Moisture, 1.93 per cent.; volatile and combustilble, 6.22 per cent.; fixed carbon, 75.34 per cent.; ash, 16.51 per cent.
29075	Willard Parker Hospital	Coal	Moisture, 2.46 per cent.; volatile and combustible, 6.40 per cent.; fixed carbon, 72.66 per cent.; ash, 18.48 per cent.
29080	Chief Clerk's office	Coal	Moisture, 1.85 per cent.; volatile and combustible, 6.28 per cent.; fixed carbon, 73.74 per cent.; ash, 18.13 per cent.
29106	Chief Clerk's office	Coal	Moisture, 2.28 per cent.; volatile and combustible, 5.69 per cent.; fixed carbon, 76.96 per cent.; ash, 15.07 per cent.
29107	Chief Clerk's office	Coal	Moisture, 2.52 per cent.; volatile and combustible, 6.38 per cent,. fixed carbon, 75.60 per cent.; ash, 15.50 per cent.
29108	Chief Clerk's office	Coal	Moisture, 2.95 per cent.; volatile and combustible, 7.95 per cent.; fixed carbon, 73.03 per cent.; ash, 16.17 per cent.
29128	Chief Clerk's office	Coal	Moisture, 2.40 per cent.; volatile and combustible, 4.65 per cent.; fixed carbon, 75.49 per cent.; ash, 17.46 per cent.
29145	Chief Clerk's office	Coal	Moisture, 3.30 per cent.; volatile and combustible, 4.80 per cent.; fixed carbon, 73.48 per cent.; ash, 18.42 per cent.
29146	Chief Clerk's office	Coal	Moisture, 3.10 per cent.; volatile and combustible, 6.76 per cent.; fixed carbon, 67.42 per cent.; ash, 22.72 per cent.
29147	Chief Clerk's office,	Coal	Moisture, 2.50 per cent.; volatile and combustible, 7.00 per cent.; fixed carbon, 83.95 per cent.; ash, 6.55 per cent.
29165	Chief Clerk's office	Coal	Moisture, 2.58 per cent.; volatile and combustible, 5.47 per cent.; fixed carbon, 81.74 per cent.; ash, 10.21 per cent.
29166	Chief Clerk's office	Coal	Moisture, 3.18 per cent., volatile and combustible, 6.48 per cent.; fixed carbon, 75.40 per cent.; ash, 14.94 per cent.
29274	Chief Clerk's office	Coal	Moisture, 1.48 per cent.; volatile and combustible, 6.60 per cent.; fixed carbon, 77.96 per cent.; ash, 13.96 per cent.

TABLE 77.—(*Continued.*)

Specimens submitted—

By Department of Health (continued):

Creams, adulterated	138
Creams, special	3
Cream of Tartar	2
Creamallo	1
Creamo	1
Crystalline substance (white)	1
Curry powder	1
Enamolin	1
Effluent from Sewage Disposal Plant	1
Epsom salt	1
Essence of lemon	2
Essence of peppermint	1
Ethyl alcohol	1
Experimental analyses	60
Extract of banana	1
Extract of celery	1
Extract of cinnamon	1
Extract of cloves	1
Extract of Jamaica ginger	1
Extract of lemon	17
Extract of nutmeg	1
Extract of orange	1
Extract of pineapple	4
Extract of pistachio	1
Extract of raspberry	3
Extract of rose	2
Extract of strawberry	6
Extract of vanilla	43
Extract of witch hazel	4
Facial cream	1
Fat	1
Feathers and silk floss	2
Fillers	3
Fish (smoked)	3
Flavor, cherry	1
Flavor, chocolate	1
Flavor, lemon	11
Flavor, orange	2
Flavor, pineapple	1

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
30155	Chief Clerk's office	Coal	Moisture, 1.87 per cent., volatile and combustible, 7.29 per cent.; fixed carbon, 70.17 per cent.; ash, 20.67 per cent.
30304	Chief Clerk's office	Coal	Moisture, 4.19 per cent.; volatile and combustible, 8.115 per cent.; fixed carbon, 69.375 per cent.; ash, 18.32 per cent.
30307	Chief Clerk's office	Coal	Moisture, 3.50 per cent.; volatile and combustible, 5.50 per cent.; fixed carbon, 71.06 per cent.; ash, 19.94 per cent.
30315	Chief Clerk's office	Coal	Moisture, 3.43 per cent.; volatile and combustible, 6.05 per cent.; fixed carbon, 78.54 per cent.; ash, 11.98 per cent.
30420	Chief Chief's office	Coal	Moisture, 3.70 per cent; volatile and combustible, 9.21 per cent.; fixed carbon, 69.62 per cent.; ash, 17.47 per cent.
30451	Chief Clerk's office	Coal	Moisture, 3.10 per cent.; volatile and combustible, 5.30 per cent.; fixed carbon, 77.29 per cent.; ash, 14.31 per cent.
30497	Chief Clerk's office	Coal	Moisture, 1.94 per cent.; volatile and combustible, 6.04 per cent.; fixed carbon, 71.22 per cent.; ash, 20.80 per cent.
30518	Chief Clerk's office	Coal	Moisture, 1.88 per cent.; volatile and combustible, 5.99 per cent.; fixed carbon, 74.34 per cent.; ash, 17.79 per cent.
30527	Chief Clerk's office	Coal	Moisture, 3.00 per cent.; volatile and combustible, 5.49 per cent.; fixed carbon, 76.15 per cent.; ash, 15.36 per cent.
30562	Chief Clerk's office	Coal	Moisture, 1.77 per cent.; volatile and combustible, 6.38 per cent.; fixed carbon, 75.87 per cent.; ash, 15.98 per cent.
30583	Chief Clerk's office	Coal	Moisture, 1.95 per cent.; volatile and combustible, 7.32 per cent.; fixed carbon, 68.21 per cent.; ash, 22.52 per cent.

Coloring Matter.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
27979	Crandall & Godley, 155 Franklin street	Vegetable yellow	Mercury, lead, zinc, copper, antimony and tin absent; iron, trace; sample is a vegetable color.
27980	Crandall & Godley, 155 Franklin street	Vegetable green	Mercury, lead, zinc, copper, antimony and tin absent; iron, trace; sample is a vegetable color.
27981	Crandall & Godley, 155 Franklin street	Red paste, pure cochineal	Mercury, lead, zinc, copper, antimony and tin absent; iron, trace; aluminum present; sample contains cochineal.
27995	Wood & Selick, Duane and Hudson streets	Red color, Royal	Mercury, lead, zinc, copper, antimony and tin absent; iron, trace; sample is a coal-tar color.
27996	Wood & Selick, Duane and Hudson streets	Yellow color, Royal	Mercury, lead, zinc, copper, antimony and tin absent; iron, trace; sample is a coal-tar color.
28028	Jaburg Bros., 10 Leonard street	Green coloring	Mercury, lead, zinc, copper, antimony and tin absent; iron, trace; sample is a coal-tar color.

TABLE 77—(*Continued.*)

Specimens submitted—

By Department of Health (continued):

Maple sugar	1
Meat (chopped)	25
Medicine (brown colored)	5
Menthol powder	1
Milk, adulterated	1,480
Milk bottle caps	1
Milk, condensed	71
Milk, human	2
Milk, special	11
Milk, sour	1
Milk, unadulterated	4,770
Milk, unsweetened, condensed	53
Mince meat	2
Mixture in bottle	1
Molasses	5
Mustard	10
Mustard oil	1
Nasaleze	1
Newbro's Herpicide	1
Nitrate of silver	1
Oil, mineral	1
Olive oil	8
Olives	1
Opium	2
Orange phosphate	2
Outside spar	1
Paint	2
Paint and varnish remover	1
Paprica	2
Paraform	2
Pears (canned)	1
Peas (canned)	8
Pepper	6
Piccoletti	1
Pickles	2
Pig's foot	2
Plums (canned)	1
Plum pudding	2

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Brand.	Total Solids, Per Cent.	Cane Sugar, Per Cent.	Milk Solids, Per Cent.	Fat, Per Cent.	Proteids, Per Cent.	Ash, Per Cent.	Milk Sugar, Per Cent.
28155	Fourteenth Street Store, Fourteenth street and Sixth avenue	Fern, No. 1	75.45	43.06	32.39	10.39	8.19	1.80	12.01
28156	Fourteenth Street Store, Fourteenth street and Sixth avenue	Daisy, No. 2	71.81	40.36	31.45	10.26	7.81	1.78	11.60
28157	Fourteenth Street Store, Fourteenth street and Sixth avenue	Bouquet, No. 3	75.23	43.13	32.10	11.15	8.29	1.68	10.98
28262	Cy. Gousset, 137 Prince street	.....	34.78	....	....	11.05	8.17	1.54	14.01
28865	James Butler, 1143 Second avenue	Butler's	76.29	43.53	32.76	9.42	7.74	1.78	13.82
28866	James Butler, 1143 Second avenue	Essie	75.30	43.39	31.91	8.40	8.17	1.79	13.55
28867	James Butler, 1143 Second avenue	Liberty	75.25	45.03	30.22	8.82	8.00	1.87	11.43
28868	M McDermott, 159 Second avenue	Star	72.08	42.72	29.36	9.47	8.34	1.75	10.00
29120	Siegel-Cooper Co., Sixth avenue and Eighteenth street	Fern	75.30	42.16	33.14	11.73	8.04	1.74	12.05
29121	Fourteenth Street Store, Fourteenth street and Sixth avenue	Bouquet	75.84	42.78	33.06	10.99	8.30	1.68	12.81
29122	Fourteenth Street Store, Fourteenth street and Sixth avenue	Star	72.70	42.37	30.33	9 36	8.17	1.86	10.05
29123	Macy & Co., Thirty-fifth street and Broadway	Lily White	73.18	41.86	31.32	9.40	8.62	1.79	11.90
29124	Siegel-Cooper Co., Sixth avenue and Eighteenth street	Daisy	72.26	41.73	30.53	9.18	8.28	1.60	10.88
29125	Fourteenth Street Store, Fourteenth street and Sixth avenue	Sweet Clover	75.90	42.38	33.52	10.38	8.25	1.82	13.08
29300	John Rush, 403 Hudson street	Sweet Clover	75.33	43.80	31.53	9.98	8.25	1.68	11.62
29658	Fourteenth Street Store, Fourteenth street and Sixth avenue	Bouquet	71.80	40.36	31.44	11.14	8.20	1.71	10.29
29659	H. O'Neill & Co., Sixth avenue, Twentieth and Twenty-first streets	Daisy	72.55	42.87	29.68	9.12	7.37	1.56	11.63
29660	Siegel-Cooper Co., Sixth avenue and Eighteenth street	Rival	71.11	42.05	29.06	9.22	7.10	1.65	11.09
29665	A. Karp, 168 Avenue B	Darling	74.15	42.18	31.97	9.50	7.92	1.73	12.82
29666	Adams & Co., Sixth avenue and Twentieth street	Magnolia	72.59	42.96	29.63	9.20	7.50	1.43	11.50
29667	Simpson, Crawford & Co., Sixth avenue and Twentieth street	Fern	73.71	42.90	30.81	9.90	7.92	1.43	11.56
29668	R. H. Macy & Co., Broadway and Thirty-fifth street	Lily White	73.76	41.42	32.52	9.78	8.34	1.63	12.77

TABLE 77.—(*Continued.*)

Specimens submitted—

By Department of Health (continued):

Sweet oil	1
Syrup, maple	34
Syrup, orange	1
Syrup, raspberry	1
Syrup of white pine compound	1
Tablets (Muriate of Ammonia)	1
Tallow, refined edible	1
Tamales	1
Tannic acid	1
Tartar	2
Tea	1
Thymocol	1
Toilet water	18
Tomatoes (canned)	23
Tomato paste	1
Tomato soup	2
Turpentine	3
Urine	4
Vanilla bean	2
Vanoleum	1
Varnish	7
Vegetation grass	4
Vegetation leaves	5
Vichy	1
Vinegar	9
Violet extract	1
Vomit	1
Wall paper	2
Waters (sanitary purity)	972
Waters (chlorine)	102
Waters (cellar)	15
Waters (special)	5
Water (colored)	1
Westphahl's Auxiliator	1
Whiskey	31
Wine	1
Wine (claret)	1
Wine (coca)	5

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Brand.	Total Solids, Per Cent.	Cane Sugar, Per Cent.	Milk Solids, Per Cent.	Fat, Per Cent.	Proteids, Per Cent.	Ash, Per Cent.	Milk Sugar, Per Cent.
30396	Fourteenth Street Store, Fourteenth street and Sixth avenue	Sweet Clover	73.54	41.98	31.56	9.93	7.18	1.75	13.55
30458	Great American Tea Company, s. w. cor Vesey and Church street	Cockatoo	72.87	40.49	32.38	10.00	8.60	1.64	11.61
30460	J. W. Hamblet, 35 Vesey street	Sweet Clover	74.01	43.09	30.92	9.12	8.53	1.68	10.58
30478	Mrs. McGuire, 429 West Forty-second street	Sweet Clover	74.23	42.45	31.78	9.45	6.92	1.74	13.67
30479	Store, 351 West Forty-third street	Sweet Clover	74.10	43.09	31.01	10.06	7.36	1.76	12.98
30480	Store, 562 Tenth avenue	Sweet Clover	72.51	43.19	29.32	10.47	7.80	1.72	12.00
30481	Phil. Petrie, 599 Ninth avenue	Sweet Clover	73.71	43.66	31.05	10.40	7.19	1.53	11.93
30482	F. Freierhausen, 613 Ninth avenue	Sweet Clover	72.98	42.85	30.13	9.89	7.36	1.69	11.77
30554	Bloomingdale Bros., Fifty-ninth street and Third avenue	Ruby	74.50	43.52	30.98	9.89	9.43	1.61	10.06
30555	Frank Pyndeck, 281 First avenue	Sweet Clover	71.89	42.45	29.44	9.15	7.81	1.76	10.72

(Preservatives not found in any of the above samples of condensed milk.)

Condiments, Catsup, Pickles, Etc.

Analysis Number.	From Whom Purchased.	Sample and Brand.	Results.
28046	Jas. Butler, 394 Washington street	Chili sauce	Sodium benzoate, 0.13 per cent.; artificial coloring, coal tar dyes, none.
30109	Fourteenth Street Store, Fourteenth street and Sixth avenue	Chili sauce, Blue Bell	Sodium benzoate, 1/10 of 1 per cent.; artificial coloring, coal tar dyes, none.
30301	M. Nellis & Co., 140 Franklin street	Chili sauce, Sale	Sodium benzoate, 1/10 of 1 per cent.; artificial coloring, coal tar dyes, none.
28204	Jas. Butler, 412 Second avenue	Curry powder, Peerless	Ether extract, 14.17 per cent.; moisture, 5.79 per cent.; ash, 5.68 per cent.; turmeric present.
28105	Great Atlantic and Pacific Tea Co., 467 Second avenue	Mustard, Colman's	Moisture, 5.87 per cent.; total ash, 4.16 per cent.; water soluble, 0.25 per cent.; HCl insoluble, 0.30 per cent.; total ether extract, 15.54 per cent.; volatile ether extract, 0.05 per cent.; crude fibre, 3.34 per cent.

TABLE 77—(*Continued.*)

Specimens submitted—

By Police Department (continued):

White crystals	5
" crystalline substance	4
Total	160

By Department of Water Supply:

Cellar waters	31
Total	31

By Department of Street Cleaning:

Ashes	1
Paint	2
Total	3

By Bellevue Hospital:

Washing soda	5
Corn starch	1
Mustard	1
Baking powder	1
Sweet oil	1
Cream	1
Soap	2
Total	12

Department of Education:

Coal	1
Muriatic acid	2
Soap	1
Total	4

By Department of Correction:

Pearline	1
Soap powder	1
Total	2

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
27900	John S. Sills & Sons, Thirty-seventh street and Eleventh avenue	Tomato catsup, Epicure Oyster Cocktail	Sodium benzoate, 0.012 per cent.; artificial color, coal-tar dyes, none.
27900A	John S. Sills & Sons, Thirty-seventh street and Eleventh avenue	Tomato catsup, Epicure Oyster Cocktail	Sodium benzoate, 0.106 per cent.; artificial color, coal-tar dyes, none.
27948	Burton & Davis, 198 Franklin street	Tomato catsup, Supreme	Sodium benzoate, 0.100 per cent.; artificial color, coal-tar dyes, none.
30110	Fourteenth Street Store, Fourteenth street and Sixth avenue	Tomato catsup, Blue Bell	Sodium benzoate, 0.1 of 1 per cent.; artificial color, coal-tar dyes, none.
30206	F. H. Leggett & Co., West Broadway and Franklin street	Tomato catsup, Premier	Preservatives, benzoic, salicylic and sulphurous acid, absent; artificial coloring matter, coal-tar dyes, absent.
30217	Libby, McNeill & Libby, 97 Hudson street	Tomato catsup, Libby's	Sodium benzoate, 0.113 per cent.; artificial color, coal-tar dyes, absent.
30236	Austin, Nichols & Co., Hudson and Jay streets	Tomato catsup, Sunbeam	Benzoic, salicylic and sulphurous acid absent; artificial coloring matter, coal-tar dyes, absent.
30237	Austin, Nichols & Co., Hudson and Jay streets	Tomato catsup, Sunbeam	Sodium benzoate, 0.108 per cent.; artificial coloring matter, coal-tar dyes, absent.
30300	M. C. Nellis & Co., 140 Franklin street	Tomato catsup, Sale	Sodium benzoate, 0.092 per cent.; artificial coloring matter, coal-tar dyes, absent.
30334	Columbia Conserve Co., 247 West Broadway	Tomato catsup, Columbia	Benzoic, salicylic and sulphurous acid, absent; artificial coloring matter, coal-tar dyes, absent.
30337	Chas. Israel & Bros., 486 Canal street	Tomato catsup, Sceptre	Benzoate of soda, 0.1 of 1 per cent.; artificial coloring matter, coal-tar dyes, absent.
30483	Store, 562 Tenth avenue	Tomato catsup, Long Island	Benzoate of soda, 0.1 of 1 per cent.; artificial coloring matter, coal-tar dyes, absent.
30484	Store, 251 West Forty-third street	Tomato catsup, Union	Benzoate of soda, 0.1 of 1 per cent.; artificial coloring matter, coal-tar dyes, absent.
30485	Mr. McGuire, 429 West Forty-second street	Tomato catsup, Empire	Benzoate of soda, 0.1 of 1 per cent.; artificial coloring matter, coal-tar dyes, absent.
28277	Alart & Maguire, 68 Madison street	Vinegar, wine	Total solids, 0.10 per cent.; ash, 0.02 per cent.; total acidity, 4.58 per cent.; mineral acids and furfurol, none.
28278	Consolidated Produce Co., 137 Cherry street	Vinegar, wine	Total solids, 0.06 per cent.; ash, 0.02 per cent.; total acidity, 3.43 per cent.; mineral acids and furfurol, none.
28279	Fleishman Vinegar Works, 626 West Thirty-fourth street	Vinegar, spirits of	Total solids, 0.074 per cent.; ash, 0.02 per cent.; total acidity, 4.24 per cent.; mineral acids and furfurol, none.
28280	Alart & Maguire, 68 Madison street	Vinegar, cider	Total solids, 3.59 per cent.; ash, 0.39 per cent.; total acidity, 4.96 per cent.; mineral acids, none.
28281	The General Mustard Mills, 103 Mott street:	Vinegar, wine	Total solids, 0.14 per cent.; ash, 0.065 per cent.; total acidity, 5.22 per cent.; mineral acids and furfurol, none.
28282	Fleishman Vinegar Works, 626 West Thirty-fourth street	Vinegar, cider	Total solids, 3.01 per cent.; ash, 0.24 per cent.; total acidity, 4.53 per cent.; mineral acids, none.
28582	Chief Clerk's office	Vinegar	Total solids, 2.50 per cent.; ash, 0.26 per cent.; total acidity, 4.49 per cent.; mineral acids, none.

TABLE 70.

RESULTS OF ANALYSES, 1907.

Alcoholic Beverages.

Analysis Number.	From Whom Received.	Samples and Brand.	Results.
29607	Herman & Heim, Terminal House, South Beach, S. I.	Lager beer, bottled, Rubsam & Horrmann	Free from poisonous metals, sulphites, salicylic acid, benzoic acid, fluorides, formaldehyde, beta naphthol and saccharin.
30216	Dr. Park, Research laboratory	Lakmustinktur	Litmus 0.7 grams per 100 cm.; alcohol by weight, 9.96 per cent.; alcohol by volume, 12.40 per cent.
28502	Charles Grill, 2591 Eighth avenue, Major Paul's	Whiskey	Methyl alcohol absent.
28928	Cushing Medical Co., 136 Fulton street	Rye Whiskey	Methyl alcohol absent.
29126	Abr. Hochman, 18 Stanton street	Whiskey	Alcohol by weight, 35.15 per cent.; alcohol by volume, 42.06 per cent.; extractive matter, 0.45 per cent.; ash, none; methyl alcohol, none; artificial coloring matter, coal-tar-dyes, none.
28539	Chief Clerk's office	Whiskey	Alcohol by weight, 41.20 per cent.; by volume, 48.59 per cent.; total solids, 0.21 per cent.
28637	Chief Clerk's office	Whiskey	Alcohol by weight, 35.75 per cent.; by volume, 42.67 per cent.; total solids, 0.31 per cent.
28638	Chief Clerk's office	Whiskey	Alcohol by weight, 41.40 per cent.; by volume, 48.80 per cent.; total solids, 0.19 per cent.
28774	Chief Clerk's office	Whiskey	Alcohol by weight, 37.79 per cent.; by volume, 44.92 per cent.; ash, 0.36 per cent.
28904	Chief Clerk's office	Whiskey	Alcohol by weight, 36.99 per cent.; by volume, 44.00 per cent.; extract, 0.27 per cent.
28905	Chief Clerk's office	Whiskey	Alcohol by weight, 37.48 per cent.; by volume, 44.61 per cent.; extract, 0.27 per cent.
28906	Chief Clerk's office	Whiskey	Alcohol by weight, 37.59 per cent.; by volume, 44.73 per cent.; extract, 0.28 per cent.
28907	Chief Clerk's office	Whiskey	Alcohol by weight, 37.50 per cent.; by volume, 44.61 per cent.; extract, 0.22 per cent.
28908	Chief Clerk's office	Whiskey	Alcohol by weight, 42.01 per cent.; by volume, 49.55 per cent.; extract, 0.41 per cent.
28909	Chief Clerk's office	Whiskey	Alcohol by weight, 38.38 per cent.; by volume, 45.65 per cent.; extract, 0.58 per cent.
28910	Chief Clerk's office	Whiskey	Alcohol by weight, 41.93 per cent.; by volume, 49.45 per cent.; extract, 0.19 per cent.
29069	Chief Clerk's office	Whiskey	Alcohol by weight, 41.55 per cent.; by volume, 48.97 per cent.; extract, 0.28 per cent.
29070	Chief Clerk's office	Whiskey	Alcohol by weight, 42.26 per cent.; by volume, 49.81 per cent.; extract, 0.28 per cent.

TABLE 78—(*Continued*).

Drugs and Medicines.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
29937	Herman Gottlieb, 236 East Seventy-seventh street	Bay rum, Superior	Made up with grain and wood alcohol, alcohol by weight, 43.05 per cent.; by volume, 50.62 per cent.; poisonous metals none.
29947	Max Apotheker, 417 West Forty-second street	Bay rum. Superior	Made up of grain alcohol, poisonous metals none.
30005	Oscar Dulberger, 2075 Third avenue	Bay rum, Superior	Alcohol, by weight, 33.74 per cent.; by volume, 40.38 per cent.; methyl alcohol and poisonous metals none.
30057	Am. Perfumery Co., 195 Grand street	Bay rum, Domestic	Alcohol by weight, 36.32 per cent.; by volume, 43.29 per cent.; poisonous metals none; made up with wood alcohol.
30061	Thomas Branigan, 161 Amsterdam avenue	Bay rum	Methyl alcohol and poisonous metals none.
30099	Wm. Fein, 214 East One Hundred and Twenty-first street	Bay rum, Superior	Methyl alcohol and poisonous metals none.
29981	Bernard Matzkewitz, 334 East One Hundred street	Nux vomica	Ethyl alcohol by weight, 54.16 per cent.; by volume, 62.41 per cent.; wood alcohol none.
30012	S. Ackerman, First avenue, between One Hundredth and One Hundred and First streets	Brown medicine	Methyl alcohol none.
30013	B. Matzkewitz, 334 East One Hundred and Third street	Brown medicine	Methyl alcohol none.
30014	S. Ackerman, First avenue and One Hundred and First street	Brown medicine	Methyl alcohol none.
30423	S. Albert, 112 Lenox avenue	Brown medicine	Sample contains no mineral or vegetable poisons.
29923	Sebastiano Carcione, 431 East Fourteenth street	Brilliantine	Made up of grain alcohol, poisonous metals none.
30096	Wm. Fein, 214 East One Hundred and Twenty-first street	Brilliantine	Methyl alcohol and poisonous metals none.
29938	Herman Gottlieb, 236 East Seventy-seventh street	Breezerine	Methyl alcohol and poisonous metals none.
29911	Jacob Weiss, 703 Sixth street	Capillary	Made up of grain alcohol; alcohol by weight, 29.00 per cent.; by volume, 35.05 per cent.; poisonous metals none.
29917	Sebastiano Carcione, 431 East Fourteenth street	Capillary	Poisonous metals none; made up with grain alcohol.
29939	Herman Gottlieb, 236 East Seventy-seventh street	Capillary	Poisonous metals none; made up with grain alcohol; alcohol by weight, 31.19 per cent.; by volume, 37.55 per cent.
30006	Oscar Dulberger, 2075 Third avenue	Capillary	Methyl alcohol and poisonous metals none.

29843	Kalish Pharmacy, Fourth avenue and Twenty-third street	Cacterine, Dr. Robinson's	Boric acid present; starch, cocaine and morphine absent.
29844	Kalish Pharmacy, Fourth avenue and Twenty-third street	Cacterine cream	Vaseline present, cocaine and morphine absent.
29845	Kalish Pharmacy, Fourth avenue and Twenty-third street	White powder, blowing device, cont	Boric acid present; starch, cocaine and morphine absent.
30063	Thos. Branigan, 161 Amsterdam avenue	Cold cream, Daggett & Ramsdell	Poisonous metals none.
29771	Isaac J. Epstein, 1901 Second avenue	Facial cream, Oriental	Poisonous metals none.
28080	Drug Laboratory	Camphor, spirits of	Camphor, by polariscope, 10.26 per cent.; methyl alcohol none.
28084	Drug Laboratory	Camphor, spirits of	Polariscope, 200 m.m., + 10.4 per cent., + 10.5 per cent., camphor, 4.5 per cent.
28085	Drug Laboratory	Camphor, spirits of	Polariscope, 200 m.m., + 20.8 per cent., + 20.6 per cent., camphor, 9.00 per cent.
28086	Drug Laboratory	Camphor, spirits of	Polariscope, 200 m.m., + 1.2 per cent., + 1.4 per cent., camphor, 0.5 per cent.
28087	Drug Laboratory	Camphor, spirits of	Polariscope, 200 m.m., + 4.1 per cent., + 4.0 per cent., camphor, 1.75 per cent.
28088	Drug Laboratory	Camphor, spirits of	Polariscope, 200 m.m., + 0.6 per cent., camphor 0.25 per cent.
28089	Drug Laboratory	Camphor, spirits of	Polariscope, 200 m.m., + 6.9 per cent., camphor 3.00 per cent.
28301	Kellogg & Co., 1031 Sixth avenue	Menthol powders, Compound	Free from cocaine and morphine.
28626	Chas. Hitsch, 205 Worth street	Cocaine	Sample is cocaine hydrochloride.
28826	A. & B. S. Lehman, 375 Third avenue	Coryzon	Cocaine, 1.01 per cent., equivalent to cocaine hydrochloride, 1.04 per cent.
28968	Chief Clerk's office	Acetic acid	35.1 per cent. acetic acid by weight, corresponds to the U. S. P., 1900.
28969	Chief Clerk's office	Collodion	Sample is made up with ethyl alcohol, contains 24 per cent. alcohol U. S. P.
29282	J. J. Barry, 1562 Third avenue	Carbolic acid solution	Found 4.14 per cent. carbolic acid.
29283	B. A. Goldlust, 1565 Third avenue	Carbolic acid solution	Found 4.22 per cent. carbolic acid.
29284	Geo. C. Rous, 1694 Third avenue	Carbolic acid solution	Found 3.21 per cent. carbolic acid.
29285	Arthur Baselow, Lexington avenue and Ninety-sixth street	Carbolic acid solution	Found 3.29 per cent. carbolic acid.
29305	Gustav Unger, 1066 Second avenue	Carbolic acid solution	Found 4.84 per cent. carbolic acid.
29306	Katzman & Co., Second avenue, corner Fifty-first street	Carbolic acid solution	Found 3.13 per cent. carbolic acid.
29307	G. C. P. Stolzenburg, 944 Second avenue	Carbolic acid solution	Found 5.11 per cent. carbolic acid.
29308	J. Jungmann, 1020 Third avenue	Carbolic acid solution	Found 1.97 per cent. carbolic acid.
29309	Schwartz Bros., Sixtieth street and Third avenue	Carbolic acid solution	Found 3.54 per cent. carbolic acid.

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Samples and Brand.	Results.
29310	C, O. Bigelow, 106 Sixth avenue	Carbolic acid solution	Found 4.58 per cent. carbolic acid.
29311	Kellogg & Co., 1033 Sixth avenue	Carbolic acid solution	Found 5.23 per cent. carbolic acid.
29312	Siegel-Cooper Co., Sixth avenue and Eighteenth street	Carbolic acid solution	Found 4.68 per cent. carbolic acid.
29313	Bloomingdale Bros., Fifty-ninth street and Third avenue	Carbolic acid solution	Found 4.18 per cent. carbolic acid.
29314	S. Nauheim, 650 Lexington avenue	Carbolic acid solution	Found 3.79 per cent. carbolic acid.
29315	H. T. Galpin, 1014 Sixth avenue	Carbolic acid solution	Found 4.56 per cent. carbolic acid.
29320	Ross O. McElroy, 472 Eighth avenue	Carbolic acid solution	Found 3.16 per cent. carbolic acid.
29321	Walter S. Rockey, Eighth avenue and Thirty-fifth street	Carbolic acid solution	Found 3.68 per cent. carbolic acid.
29322	F. I. Kirchoff, 2183 Eighth avenue	Carbolic acid solution	Found 3.38 per cent. carbolic acid.
29323	H. Schierer, 366 Ninth avenue	Carbolic acid solution	Found 5.04 per cent. carbolic acid.
29324	Pond & Bowes, 314 Ninth avenue	Carbolic acid solution	Found 2.10 per cent. carbolic acid.
29325	John Kremer, 428 Seventh avenue	Carbolic acid solution	Found 2.27 per cent. carbolic acid.
29326	Schaef Bros., 2147 Eighth avenue	Carbolic acid solution	Found 2.20 per cent. carbolic acid.
29327	Thomas Starr, 317 Ninth avenue	Carbolic acid solution	Found 2.07 per cent. carbolic acid.
29328	H. H. Blomeier, 439 Ninth avenue	Carbolic acid solution	Found 4.64 per cent. carbolic acid.
29329	Zagat Drug Co., 2117 Eighth avenue	Carbolic acid solution	Found 4.74 per cent. carbolic acid.
29413	Dr. Wilson	Ethyl alcohol	Alcohol by weight, 88.43 per cent.; by volume, 92.10 per cent.
29516	Officer Benivs, Health squad	White powder	Sample contains 99.57 per cent. cocaine hydrochlorate.
29568	Chas. Hitch, 1 Mott street	White powder	Sample contains 99.96 per cent. cocaine hydrochloride.
29600	John Doe, in front of 12 Bowery	White powder	Sample contains 99.75 per cent. cocaine hydrochlorate.
29767	Paul Capello, 345 Eighth avenue	White crystalline substance	Sample contains 99.90 per cent. cocaine hydrochlorate.
29776	Dr. Wilson	Epsom Salt	Conforms with the requirements of the U. S. P., 1900.
29876	Store room, Chemist laboratory	White substance	Sample is oxalic acid.
29964	Officer Dunne, Health squad	White substance	Sample is cocaine hydrochlorate.

29994	Mr. Scheffer, Secretary, D H	White powder	Sample contains magnesium, bismuth and nitric acid, and probably combined as magnesium oxide and bismuth subnitrate.
29136	J. Jungman, 1020 Third avenue	Compressed pill throat mentholated	Cocaine hydrochloride, 0.0033 grain per tablet.
29137	Wm. B. Riker & Son, Sixth avenue and Twenty-third street	Compressed pill throat mentholated	Cocaine hydrochloride, 0.002 grain per pill.
29218	Caswell & Massey, 1122 Broadway	Compressed pill throat mentholated	Cocaine hydrochloride, 0.0032 grain per pill.
29304	Sydney Faber, 1102 Second avenue	Compressed pill throat mentholated	Cocaine hydrochloride, 1/285 grain per tablet.
28682	J. Tushnit, First avenue corner Sixteenth street	Catarrhal powder, Dr. Agnew's	Cocaine none.
28863	David Davidson, 1363 Second avenue	Catarrhal powder, Dr. Agnew's	Cocaine hydrochloride, 1.94 per cent.
28890	Chas. N. Halpin, 127 Manhattan street	Catarrhal powder, Dr. Agnew's	Cocaine 1.59 per cent., equivalent to cocaine hydrochloride 1 64 per cent.
29216	Henry Klatzko, 1965 Third avenue	Catarrhal powder, Dr. Agnew's	Cocaine 2.21 per cent., equivalent to cocaine hydrochloride 2.46 per cent.
29240	Fred. E. Smith, 646 Madison avenue	Catarrhal powder, Dr. Agnew's	Cocaine 1.78 per cent., equivalent to cocaine hydrochloride 1.98 per cent.
28173	N. Y. World	Catarrhal powder, Dr. Birney's	Sodium benzoate, 0.20 per cent.; cocaine hydrochloride, 1.53 per cent.; menthol present.
28289	F. Kinsman, Southeast corner One Hundred and Twenty-fifth street and Eighth avenue	Catarrhal powder, Dr. Birney's	Found 1.5 per cent. cocaine hydrochlorate.
28681	Hass Pharmacy, 268 Fourth avenue	Catarrhal powder, Dr. Birney's	Found 1.61 per cent. cocaine hydrochloride.
28889	Harry I. Oxman, 1258 Amsterdam avenue	Catarrhal powder, Dr. Birney's	Found 1.62 per cent. cocaine hydrochlorate.
29235	Geo. Oberdorfer, 2393 Eighth avenue	Catarrhal powder, Dr. Birney's	Found 1.60 per cent. cocaine hydrochlorate.
29236	Leopold Alpmann, 1784 Madison avenue	Catarrhal powder, Dr. Birney's	Found 1.47 per cent. cocaine hydrochlorate.
29237	Wm. F. Ernst, 2037 Madison avenue	Catarrhal powder, Dr. Birney's	Found 1.65 per cent. cocaine hydrochlorate.
29238	Geo. Oberdorfer, 47 East One Hundred and Twenty-fifth street	Catarrhal powder, Dr. Birney's	Found 1.66 per cent. cocaine hydrochlorate.
29302	Francis X. Hart, 1077 Second avenue	Catarrhal powder, Dr. Birney's	Found 1.73 per cent. cocaine hydrochlorate.
28172	N. Y. World	Catarrhal powder, Crown	Cocaine hydrochloride, 1.74 per cent.; sodium benzoate, 1.18 per cent.; menthol present.
28712	Geo. F. Phillips, 846 Eighth avenue	Catarrhal powder, Crown	Cocaine hydrochloride none.
29172	E. Fredlieb, 357 Eighth avenue	Catarrhal powder, Crown	Cocaine hydrochloride 1.56 per cent.
29184	Louis Goldstein, 1707 Madison avenue	Catarrhal powder, Crown	Cocaine hydrochloride 1.88 per cent.
29239	Aug. E. Muller, 1231 Madison avenue	Catarrhal powder, Crown.	Cocaine hydrochloride 1.77 per cent.
28244	Scharf Bros., 2157 Eighth avenue	Catarrhal powder, Crown	Cocaine hydrochloride 2.18 per cent.
28290	J. Priest, 200 West Twenty-third street	Catarrhal powder, Crown	Cocaine hydrochloride 2.3 per cent.

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
29303	John Bogathy, Fifty-fourth street and Second avenue	Catarrhal powder, Crown	Cocaine absent.
30557	Pharmacy, Southeast corner Fourteenth street and Avenue A	Cocaine and hay fever cure, Coulton's	Cocaine absent.
28245	F. Starr, 317 Ninth avenue	Catarrh powder, Dr. Cole's	Found 3.55 per cent. cocaine hydrochlorate present.
28246	Taxan & Williams, 261 Eighth avenue	Catarrh powder, Dr. Cole's	Found 3.52 per cent. cocaine hydrochlorate present.
28810	Geo. Gregorious, 259 First avenue	Catarrh powder, Dr. Cole's	Found 3.48 per cent. cocaine hydrochlorate present.
29181	Abr. Barack, 1433 Madison avenue	Catarrh powder, Dr. Cole's	Cocaine none.
28710	Walter S. Rocky, 503 Eighth avenue	Catarrh powder, Gray's	Cocaine none.
28711	Fred. James, 702 Eighth avenue	Catarrh powder, Gray's	Cocaine none.
29171	J. Roens, 521 Sixth avenue	Catarrh powder, Gray's	Cocaine none.
29217	S. A. Hardy, 585 Second avenue	Catarrh powder, Dr. Gray's	Found 1.64 per cent. cocaine hydrochloride.
28291	F. Kinsman, 280 West One Hundred and Twenty-fifth street	Catarrh powder, Dr. Gray's	Found 7.68 grains cocaine hydrochloride per ounce.
28679	Geo. W. Jarchow, 449 Second avenue	Catarrh powder, Dr. Gray's	Cocaine hydrochlorate 1.46 per cent.
28680	S. A. Hardy, 585 Second avenue	Catarrh powder, Dr. Gray's	Cocaine hydrochlorate 1.49 per cent.
29182	Leibowich & Robens, 1692 Madison avenue	Catarrh powder, Dr. Gray's	Cocaine hydrochlorate 1.51 per cent.
29215	Harris Sarason, 1845 Third avenue	Catarrh powder, Dr. Gray's	Cocaine hydrochlorate 1.70 per cent.
29478	Chas. H. Bhorkwell, 2064 Eighth avenue	Catarrh powder, Dr. Gray's	Cocaine hydrochlorate 1.99 per cent.
29183	Jos. N. Goetzhoff, 1753 Madison avenue	Catarrh powder, Dr. Marshall's	Cocaine none.
29233	Herman Krehbiel, 1186 Madison avenue	Catarrh powder, Dr. Marshall's	Cocaine none.
29234	Ludwig C. B. Erb, 2081 Madison Avenue	Catarrh powder, Dr. Marshall's	Cocaine none.
28242	Clausen, 252 Ninth avenue	Catarrh snuff	Free from cocaine, morphine and mydriadic alkaloids.
28243	C. Freidlieb, 357 Eighth avenue	Catarrh powder	Free from cocaine, morphine and mydriadic alkaloids.
28247	Pond & Bowes, 226 Ninth avenue	Catarrh powder	Free from cocaine, morphine and mydriadic alkaloids.
[illegible]	Satner, 334 Eighth avenue	Catarrh powder	Free from cocaine and morphine.

28517	Lena Meyer, 2114 Third avenue	Cordial drops	Alcohol present.
28518	Hollstein Bros., Madison avenue and One Hundred and Fifty-fifth street	Cordial drops	Alcohol present.
28519	Chas. Chicklacos, 2167 Third avenue	Cordial drops	Alcohol present.
28520	Eliza Tiedemann, 2296 Third avenue	Cordial drops	Alcohol present.
28521	Wm. Ypsilante, 1653 Madison avenue	Cordial drops	Alcohol present.
28522	Morris Ehrlich, 1685 Lexington avenue	Cordial drops	Alcohol absent.
28525	Harry Kronick, 1701 Lexington awenue	Cordial drops	Alcohol absent.
28526	Wm. H. Walters, 1976 Third avenue	Licorice	Artificial coloring matter, coal-tar colors and carbon, absent.
28950	John Hildebrandt, 1512 Third avenue	Chocolate cordial drops	Alcohol present.
28591	J. Finke, 1655 First avenue	Cordial drops	Alcohol present.
28592	Abt. F. Mayer, 1418 Third avenue	Cordial drops	Alcohol present.
28593	Samuel Rappaport, 1381 Third avenue	Cordial drops	Alcohol absent.
28594	Jos. Shore, 356 East Eighty-first street	Cordial drops	Alcohol absent.
28595	Annie Blathman, 1307 Third avenue	Cordial drops	Alcohol absent.
28606	Marcks, 453 Third avenue	Chocolate caramels	Paraffin absent.
28607	Emil Roggenkamp, 810 Third avenue	Liquid drops	Alcohol present.
28608	Marcks, 453 Third avenue	Vanilla caramels	Paraffin absent.
28609	Henry Bruns, 848 Third avenue	Cordial drops	Alcohol present.
28687	Horn & Sachar, 86 Forsyth street	Chocolate, Crave & Martin Co.	Moisture, 0.97 per cent.; ash, 1.96 per cent.; ether extract, 27.44 per cent.; cocoa shells, none.
28689	Horn & Sachar, 86 Forsyth street	Chocolate, Hooton	Moisture, 0.52 per cent.; ash, 1.48 per cent.; ether extract, 24.96 per cent.; cocoa shells, none.
28692	Horn & Sachar, 86 Forsyth street	Sweet chocolate midgets, Vienna	Moisture, 0.25 per cent.; ash, 1.12 per cent.; ether extract, 25.73 per cent.; cocoa shells, none.
28695	J. Tompkins 581 Ninth avenue	Rock candy	Cane sugar, 98.8 per cent.; glucose and sulphites, none.
28699	Hawley & Hoops, 267 Mulberry street	Chocolate cream drops	Alcohol absent.
28686	Horn & Sachar, 86 Forsyth street	Chocolate tablets, Crave & Martin	Moisture, 1.25 per cent.; ash, 2.04 per cent.; ether extract, 28.89 per cent.; cocoa shells, none.
28688	Horn & Sachar, 86 Forsyth street	Chocolate bars, O. K.	Moisture, 1.88 per cent.; ash, 1.81 per cent.; ether extract, 23.21 per cent.; cocoa shells, none.
28690	Horn & Sachar, 86 Forsyth street	Chocolate bars, Little Japs	Moisture, 0.54 per cent.; ash, 1.62 per cent.; ether extract, 20.27 per cent.; cocoa shells, none.

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
28691	Horn & Sachar, 86 Forsyth street	Chocolate bars, 16 to 1	Moisture, 0.43 per cent.; ash, 1.58 per cent.; ether extract, 20.46 per cent.; cocoa shells, none.
28693	Horn & Sachar, 86 Forsyth street	Sweet clover chocolate, Wilbur's	Moisture, 0.49 per cent.; ash, 1.30 per cent.; ether extract, 20.27 per cent.; cocoa shells, none.
28694	Horn & Sachar, 86 Forsyth street	Chocolate cigars, Hooton's	Moisture, 0.52 per cent.; ash, 1.58 per cent.; ether extract, 24.21 per cent.; cocoa shells, none.
28895	Mr. Fuller	Candied pineapple	Sample contains 0.016 per cent. anhydrous sulphurous acid (SO_2).
28930	Henry Kessler, 711 Amsterdam avenue	Liquid candy drops	Alcohol absent.
28931	Marcus Braunstein, 773 Amsterdam avenue	Liquid candy drops	Alcohol absent.
28932	Henry Gleisch, 709 Amsterdam avenue	Liquid candy drops	Alcohol absent.
28933	Jos. Weissman, 685 Amsterdam avenue	Liquid candy drops	Alcohol present.
28934	Jos. Higgins, 122 West One Hundred and First street	Liquid candy drops	Alcohol present.
28935	Morris Levy, 815 Amsterdam avenue	Candy drops	Alcohol present.
28936	Wolf Nelson, 785 Amsterdam avenue	Liquid candy drops	Alcohol present.
28937	Jacob Koshoff, 46 West One Hundred and Sixteenth street	Liquid candy drops	Alcohol present.
28938	Bernard Cohen 986 Columbus avenue	Liquid candy drops	Alcohol present.
28939	Isaac Weinstein 131 West One Hundred and First street	Liquid candy drops	Alcohol absent.
28940	Emil Stern, 765 Amsterdam avenue	Liquid candy drops	Alcohol absent.
28941	Hyman Olean, 1407 Fifth avenue	Liquid candy drops	Alcohol absent.
28956	George Marblestein, 2198 Fifth avenue	Bottle candy, white seal	Alcohol absent.
28958	Louis Alberg, 2140 Fifth avenue	Cordial drops	Alcohol absent.
28959	Jos. Levinson, 1724 Amsterdam avenue	Cordial drops	Alcohol present.
28960	Louis Miesner, 1729 Amsterdam avenue	Cordial drops	Alcohol absent.
28961	Jacob Dreifoss, 2292 Eighth avenue	Cordial drops	Alcohol absent.
28962	Abr. Jankow, 2180 Eighth avenue	Cordial drops	Alcohol absent.
28963	Wm. Weisfeld, 2456 Eighth avenue	Cordial drops	Alcohol absent.

28964	David Frier, 1457 Amsterdam avenue	Cordial drops	Alcohol absent.
29009	Henry Martens, 168 Lenox avenue	Cordial drops, mint	Alcohol absent.
29010	Henry Morrison, 475 Lenox avenue	Cordial drops	Alcohol absent.
29011	Geo. Weissman, 468 Lenox avenue	Cordial drops	Alcohol absent.
29056	Noah Moscowitz, 2794 Eighth avenue	Cordial drops	Alcohol present.
29057	Balthassar Mora, 2754 Eighth avenue	Cordial drops	Alcohol present.
29100	Hawley & Hoops, 267 Mulberry st	Chocolate cigars	Alcohol absent.
29545	S. Kramer, 197 East Broadway	Candy	Starch present, poisonous metals and artificial coloring matter, coal tar dyes, absent.
29559	Mr. Fuller	Candy pineapple	Sample contains 0.008 per cent. anhydrous sulphurous acid (SO_2).
29608	Nunley's Pavilion, South Beach, S. I.	Colored popcorn, Brackett's	Poisonous metals none; artificial color present.
29860	Isaac Gellman, 144 Forsyth street	Candy	Mineral matter and poisonous metals absent, coal tar dyes present in the pink candy but absent in the white candy.
30431	The Chapel of Incarnation	Candy	Free from poisonous metals and starch, glucose present.
30432	The Chapel of Incarnation	Candy, mixed	Free from poisonous metals and starch, glucose present.
30447	Store, 236 East Fifty-fifth street	Candy, assorted	A—Starch and glucose present; arsenic and heavy metals absent; aniline dye trace. B—Starch and glucose present; arsenic and heavy metals absent; aniline dye present. C—Starch and glucose present; arsenic and heavy metals absent; aniline dye trace. D—Starch and glucose present; arsenic and heavy metals absent; aniline dye trace.
30448	M. Brennan, 49 East Fifty-ninth street	Candy, assorted	A—Starch and glucose present; arsenic and heavy metals absent; aniline dye present. B—Starch none; glucose present; arsenic and heavy metals absent; aniline dye trace.
30516	Knickerbocker Chocolate Co., West Thirty-first street	Chocolate	Cocoa shells none.
27722	A. M. Powell & Co., 152 Chambers street	Chocolate, U. S. "Powell's"	Ether extract, 35.30 per cent.; Iodine number, 36.50 per cent.; melting point begins 30° C.; complete 33° C.; solidifying point, 33° C.; refractive index, 40°, 1.45 per cent.; cocoa butter varies from 1.4565 to 1.4578.
28685	Runkel Bros., West Thirtieth street	Chocolate, Runkel's	Cocoa shells none.
29141	Department of Inspection, Manhattan	Chocolate liquor	Moisture, 1.19 per cent.; ash, 4.37 per cent.; ether extract, 43.50 per cent.; cocoa shells none.

TABLE 78—(*Continued*).

Coals.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
28025	Kingston Avenue Hospital	Coal	Moisture, 1.11 per cent.; volatile and combustible, 5.02 per cent.; fixed carbon, 83.54 per cent.; ash, 10.33 per cent.
28026	Kingston Avenue Hospital	Coal	Moisture, 2.18 per cent.; volatile and combustible, 5.66 per cent.; fixed carbon, 82.48 per cent.; ash, 9.68 per cent.
28220	Chief Clerk's office	Coal	Moisture, 1.25 per cent.; volatile and combustible, 7.64 per cent.; fixed carbon, 75.73 per cent.; ash, 15.38 per cent.
28082	Dr. Wilson	Coal, dried	Moisture, 3.58 per cent.; volatile and combustible, 4.74 per cent.; fixed carbon, 68.18 per cent.; ash, 23.50 per cent.; water on coal, 8.26 per cent.
28163	Dr. Wilson	Coal	Moisture, 3.25 per cent.; volatile and combustible, 5.42 per cent.; fixed carbon, 76.55 per cent.; ash, 14.78 per cent.; added moisture, 7.00 per cent.
28164	Dr. Wilson	Coal	Moisture, 3.83 per cent.; volatile and combustible, 8.41 per cent.; fixed carbon, 75.96 per cent.; ash, 11.80 per cent.; added moisture, 8.00 per cent.
28627	Willard Parker Hospital	Coal	Moisture, 2.99 per cent. volatile and combustible, 6.43 per cent.; fixed carbon, 71.28 per cent.; ash, 19.30 per cent.
29036	Willard Parker Hospital	Coal	Moisture, 2.95 per cent.; volatile and combustible, 6.08 per cent.; fixed carbon, 71.05 per cent.; ash, 19.92 per cent.
29037	Chief Clerk's office via Franklin Edson	Coal	Moisture, 2.21 per cent. volatile and combustible, 4.68 per cent.; fixed carbon, 81.11 per cent.; ash, 12.00 per cent.
29038	Chief Clerk's office via Franklin Edson	Coal	Moisture, 1.93 per cent.; volatile and combustilble, 6.22 per cent.; fixed carbon, 75.34 per cent.; ash, 16.51 per cent.
29075	Willard Parker Hospital	Coal	Moisture, 2.46 per cent.; volatile and combustible, 6.40 per cent.; fixed carbon, 72.66 per cent.; ash, 18.48 per cent.
29080	Chief Clerk's office	Coal	Moisture, 1.85 per cent.; volatile and combustible, 6.28 per cent.; fixed carbon, 73.74 per cent.; ash, 18.13 per cent.
29106	Chief Clerk's office	Coal	Moisture, 2.28 per cent.; volatile and combustible, 5.69 per cent.; fixed carbon, 76.96 per cent.; ash, 15.07 per cent.
29107	Chief Clerk's office	Coal	Moisture, 2.52 per cent.; volatile and combustible, 6.38 per cent,. fixed carbon, 75.60 per cent.; ash, 15.50 per cent.
29108	Chief Clerk's office	Coal	Moisture, 2.95 per cent.; volatile and combustible, 7.95 per cent.; fixed carbon, 73.03 per cent.; ash, 16.17 per cent.
29128	Chief Clerk's office	Coal	Moisture, 2.40 per cent.; volatile and combustible, 4.65 per cent.; fixed carbon, 75.49 per cent.; ash, 17.46 per cent.
29145	Chief Clerk's office	Coal	Moisture, 3.30 per cent.; volatile and combustible, 4.80 per cent.; fixed carbon, 73.48 per cent.; ash, 18.42 per cent.
29146	Chief Clerk's office	Coal	Moisture, 3.10 per cent.; volatile and combustible, 6.76 per cent.; fixed carbon, 67.42 per cent.; ash, 22.72 per cent.
29147	Chief Clerk's office,	Coal	Moisture, 2.50 per cent.; volatile and combustible, 7.00 per cent.; fixed carbon, 83.95 per cent.; ash, 6.55 per cent.
29165	Chief Clerk's office	Coal	Moisture, 2.58 per cent.; volatile and combustible, 5.47 per cent.; fixed carbon, 81.74 per cent.; ash, 10.21 per cent.
29166	Chief Clerk's office	Coal	Moisture, 3.18 per cent., volatile and combustible, 6.48 per cent.; fixed carbon, 75.40 per cent.; ash, 14.94 per cent.
29274	Chief Clerk's office	Coal	Moisture, 1.48 per cent.: volatile and combustible, 6.60 per cent.; fixed carbon, 77.96 per cent.; ash, 13.96 per cent.

29275	Chief Clerk's office	Coal	Moisture, 2.81 per cent.; volatile and combustible, 6.52 per cent.; fixed carbon, 84.05 per cent.; ash, 6.62 per cent.
29276	Chief Clerk's office	Coal	Moisture, 1.25 per cent.; volatile and combustible, 7.16 per cent.; fixed carbon, 80.11 per cent. ash, 11.48 per cent.
29288	Chief Clerk's office	Coal	Moisture, 1.99 per cent.; volatile and combustible, 6.27 per cent.; fixed carbon, 73.60 per cent.; ash, 18.14 per cent.
29289	Chief Clerk's office	Coal	Moisture, 3.10 per cent.; volatile and combustible, 4.97 per cent.; fixed carbon, 71.74 per cent.; ash, 20.19 per cent.
29332	Chief Clerk's office	Coal	Moisture, 2.53 per cent., volatile and combustible, 7.58 per cent.; fixed carbon, 75.75 per cent.; ash, 14.14 per cent.
29333	Chief Clerk's office	Coal	Moisture, 2.40 per cent.; volatile and combustible, 7.60 per cent.; fixed carbon, 79.67 per cent.; ash, 10.33 per cent.
29350	Chief Clerk's office	Coal, stove	Moisture, 2.87 per cent.; volatile and combustible, 6.22 per cent.; fixed carbon, 72.64 per cent.; ash, 18.27 per cent.
29390	Chief Clerk's office	Coal, buckwheat	Moisture, 2.65 per cent.; volatile and combustible, 4.58 per cent.; fixed carbon, 69.57 per cent.; ash, 23.20 per cent.
29391	Chief Clerk's office	Coal, stove	Moisture, 3.22 per cent.; volatile and combustible, 4.66 per cent.; fixed carbon, 77.89 per cent.; ash, 14.23 per cent.
29393	Chief Clerk's office	Coal	Moisture, 2.32 per cent.; volatile and combustible, 4.81 per cent.; fixed carbon, 73.62 per cent.; ash, 19.25 per cent.
29421	Chief Clerk's office	Coal, buckwheat	Moisture, 2.80 per cent.; volatile and combustible, 4.89 per cent.; fixed carbon, 72.72 per cent.; ash, 19.59 per cent.
29422	Chief Clerk's office	Coal	Moisture, 2.81 per cent., volatile and combustible, 5.78 per cent.; fixed carbon, 74.73 per cent.; ash, 16.68 per cent.
29434	Chief Clerk's office	Coal	Moisture, 2.43 per cent.; volatile and combustible, 6.77 per cent.; fixed carbon, 75.17 per cent.; ash, 15.63 per cent.
29445	Chief Clerk's office	Coal	Moisture, 1.83 per cent., volatile and combustible, 6.07 per cent.; fixed carbon, 79.30 per cent., ash, 12.80 per cent.
29489	Chief Clerk's office	Coal	Moisture, 1.75 per cent.; volatile and combustible, 5.08 per cent.; fixed carbon, 76.67 per cent.; ash, 16.50 per cent.
29574	Chief Clerk's office	Coal	Moisture, 2.52 per cent., volatile and combustible, 5.37 per cent.; fixed carbon, 73.48 per cent.; ash, 18.63 per cent.
29635	Chief Clerk's office	Coal	Moisture, 2.59 per cent., volatile and combustible, 6.17 per cent.; fixed carbon, 70.86 per cent., ash, 20.38 per cent.
29693	Chief Clerk's office	Coal	Moisture, 1.78 per cent., volatile and combustible, 4.76 per cent.; fixed carbon, 76.51 per cent., ash, 16.95 per cent.
29787	Chief Clerk's office	Coal	Moisture, 2.53 per cent.; volatile and combustible, 6.57 per cent.; fixed carbon, 72.45 per cent.; ash, 18.45 per cent.
29797	Chief Clerk's office	Coal	Moisture, 3.54 per cent.; volatile and combustible, 5.53 per cent.; fixed carbon, 73.18 per cent.; ash, 17.75 per cent.
29806	Chief Chief's office	Coal	Moisture, 2.23 per cent.; volatile and combustible, 6.25 per cent.; fixed carbon, 77.58 per cent., ash, 13.94 per cent.
29815	Chief Clerk's office	Coal	Moisture, 2.97 per cent.; volatile and combustible, 6.68 per cent., fixed carbon, 68.12 per cent.; ash, 22.23 per cent.
29861	Chief Clerk's office	Coal	Moisture, 2.85 per cent.; volatile and combustible, 6.13 per cent.; fixed carbon, 77.94 per cent.; ash, 13.08 per cent.
30011	Chief Clerk's office	Coal	Moisture, 3.08 per cent.; volatile and combustible, 5.71 per cent.; fixed carbon, 80.62 per cent.; ash, 10.59 per cent.
30038	Chief Clerk's office	Coal	Moisture, 2.19 per cent.; volatile and combustible, 6.10 per cent.; fixed carbon, 74.93 per cent.; ash, 16.78 per cent.
30080	Chief Clerk's office	Coal	Moisture, 1.86 per cent.; volatile and combustible, 6.54 per cent.; fixed carbon, 67.49 per cent.; ash, 24.11 per cent.

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
29653	Siegel-Cooper Co., Sixth avenne and Eighteenth street	Evaporated cream, Gold Cross	Sample curdled; unfit for analysis.
29818	Siegel-Cooper Co., Sixth avenue and Eighteenth street	Evaporated cream, Gold Cross	Sample curdled; unfit for analysis.
29883	Fourteenth Street Store, Fourteenth street and Sixth avenue	Evaporated milk, Gold Cross	Fats, 8.00 per cent.; total solids, 26.58 per cent.; preservatives none.
29884	Adams & Co., Sixth avenue and Twentieth street	Evaporated milk, Gold Cross	Fats, 7.80 per cent.; total solids, 26.48 per cent.; preservatives none.
30398	Fourteenth Street Store, Fourteenth street and Sixth avenue	Evaporated milk, Gold Cross	Fats, 8.03 per cent.; total solids, 24.94 per cent.; preservatives none.
29116	Siegel-Cooper Co., Sixth avenue and Eighteenth street	Evaporated milk, Highland	Fats, 8.63 per cent.; total solids, 28.01 per cent.; preservatives none.
29703	Adams & Co., Sixth avenue and Twentieth street	Evaporated cream, Highland	Fats, 10.00 per cent.; total solids, 29.38 per cent.; preservatives none.
29114	Macy & Co., Thirty-fifth street and Broadway	Evaporated milk, Lily White	Fats, 8.82 per cent.; total solids, 30.41 per cent.; preservatives none.
29663	Macy & Co., Broadway and Thirty-fifth street	Sterilized cream, Lily White	Fat, 8.12 per cent.; total solids, 26.50 per cent.; preservatives, none.
28159	Siegel-Cooper Co., Sixth avenue and Eighteenth street	Evaporated cream, Pet	Fat, 9.30 per cent.; total solids, 27.76 per cent.; preservatives, none.
29118	Siegel-Cooper Co., Sixth avenue and Eighteenth street	Evaporated milk, Our Pet	Fat, 8.35 per cent.; total solids, 26.55 per cent.; preservatives, none.
29661	Adams & Co., Sixth avenue and Twentieth street	Evaporated cream, Our Pet	Fat, 8.70 per cent.; total solids, 27.60 per cent.; preservatives, none.
28864	M. J. McDermott, 1159 Second avenue	Evaporated milk, Silver Cow	Fat, 8.90 per cent.; total solids, 30.36 per cent.; preservatives, none.
29686	Jas. Butler, One Hundred and Twenty-first street and Third avenue	Evaporated milk, Silver Cow	Fat, 8.85 per cent.; total solids, 29.85 per cent.; preservatives, none.
30159	James Butler, 1451 Third avenue	Evaporated milk, Silver Cow	Fat, 8.80 per cent.; total solids, 28.40 per cent.; preservatives, none.
29119	Siegel-Cooper Co., Sixth avenue and Eighteenth street	Evaporated milk, St. Charles	Fat, 8.92 per cent.; total solids, 29.99 per cent.; preservatives, none.
30397	Siegel-Cooper Co., Sixth avenue and Eighteenth street	Evaporated milk, St. Charles	Fat, 8.80 per cent.; total solids, 28.94 per cent.; preservatives, none.
29115	Fourteenth Street Store, Fourteenth street and Sixth avenue	Evaporated milk, Van Camp's	Fat, 7.78 per cent.; total solids, 27.13 per cent.; preservatives, none.
29655	Fourteenth Street Store, Fourteenth street and Sixth avenue	Evaporated milk, Van Camp's	Fat, 8.40 per cent., total solids, 29.91 per cent.; preservatives, none.
28472	Siegel-Cooper Co., Sixth avenue and Eighteenth street	Unsweetened condensed milk	Sample is acid and heavily curdled.
29088	A. Antosch, 690 Third avenue	Unsweetened condensed milk	Fat, 6.40 per cent.; total solids, 19.78 per cent.; preservatives, none.
29072	A. Antosch, 690 Third avenue	Unsweetened condensed milk	Sample is acid and curdled.
29756	Commissioner's office	Unsweetened condensed milk	Fat, 3.65 per cent.; total solids, 12.48 per cent.; preservatives, none.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
30116	Chief Clerk's office	Aluminum bronze	Sample is aluminum; free from other metals.
30025	Chief Clerk's office	Aluminum bronze, Standard	Sample is aluminum; free from other metals.
29993	Chief Clerk's office	Bronze liquid	Sample is equal to standard submitted.
30027	Chief Clerk's office	Bronze liquid, Standard	Sample is made up with amyl acetate; rosin present.
30026	Chief Clerk's office	Gold bronze, Standard	Sample is copper; traces of iron and aluminum present.
30117	Chief Clerk's office	Gold bronze	Sample is copper; traces of iron and aluminum present.
28027	H. C. Weebcen, 103 West Fourteenth street	Butter	Sample is butter; Reichert Meissl number, 48.17.
28177	Charles Bacal, 1760 Third avenue	Butter	Sample is butter.
29144	Mr. Irwin, New Dorp, S. I.	Butter	Sample is genuine butter; Reichert Meissl number, 26.2
30356	Mr. Kilbourne	Butter	Sample is butter; free from artificial color.
28312	H. F. Eisentrager, 1882 Third avenue	Cod-liver oil, Phillip's Emulsion	Sample contains cod-liver oil 48.75 per cent.; phosphate present.
30015	Chief Clerk's office	Batavia Dammar, White No. 1	Sample is equal to standard submitted.
30019	Chief Clerk's office	Liquid dryer (Pittsburg Plate Glass Co.)	Sample is equal to standard submitted.
30466	Chief Clerk's office	Electric liquid drier, Standard	Sample contains rosin.
30472	Chief Clerk's office	Enamolin, Standard	Rosin present; metallic substance absent.
37761	Mr. Raynor, Chief Sanitary Inspector	Fat in paper	Iodine number, 33.2; Maumene number, 16° C.; Sol. Pt. 40°—38.5°; melting point, 51.5°.
28776	Mrs. Reiss, 105 Amsterdam avenue	Lard	Sample contains cottonseed oil.
28912	Inspector Naughton, H. D	Linseed oil	Specific gravity, 0.930; iodine number 181; sample is linseed oil.
30017	Chief Clerk's office	Raw linseed oil (Pittsburg Plate Glass Co.)	Iodine number correct for linseed oil; sample is linseed oil.
30068	Chief Clerk's office	Boiled linseed oil	Iodine number after 36 hours, 328; Iodine number after 6 hours, 229; sample does not correspond to pure linseed oil.
29990	Chief Clerk's office	Raw linseed oil	Iodine number after 36 hours, 293; after 6 hours, 195; sample does not correspond to pure linseed oil.
29509	Dr. Wilson	Mineral oil	Sample is probably oil used for polishing or cleaning woodwork; not fit for lubricating purposes as the flash point is too low (below 44° C.).

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Brand.	Total Solids, Per Cent.	Cane Sugar, Per Cent.	Milk Solids, Per Cent.	Fat, Per Cent.	Proteids, Per Cent.	Ash, Per Cent.	Milk Sugar, Per Cent.
28155	Fourteenth Street Store, Fourteenth street and Sixth avenue	Fern, No. 1	75.45	43.06	32.39	10.39	8.19	1.80	12.01
28156	Fourteenth Street Store, Fourteenth street and Sixth avenue	Daisy, No. 2	71.81	40.36	31.45	10.26	7.81	1.78	11.60
28157	Fourteenth Street Store, Fourteenth street and Sixth avenue	Bouquet, No. 3	75.23	43.13	32.10	11.15	8.29	1.68	10.98
28262	Cy. Gousset, 137 Prince street		34.78	....	....	11.05	8.17	1.54	14.01
28865	James Butler, 1143 Second avenue	Butler's	76.29	43.53	32.76	9.42	7.74	1.78	13.82
28866	James Butler, 1143 Second avenue	Essie	75.30	43.39	31.91	8.40	8.17	1.79	13.55
28867	James Butler, 1143 Second avenue	Liberty	75.25	45.03	30.22	8.82	8.00	1.87	11.43
28868	M J McDermott, 159 Second avenue	Star	72.08	42.72	29.36	9.47	8.34	1.75	10.00
29120	Siegel-Cooper Co. Sixth avenue and Eighteenth street	Fern	75.30	42.16	33.14	11.73	8.04	1.74	12.05
29121	Fourteenth Street Store, Fourteenth street and Sixth avenue	Bouquet	75.84	42.78	33.06	10.99	8.30	1.68	12.81
29122	Fourteenth Street Store, Fourteenth street and Sixth avenue	Star	72.70	42.37	30.33	9 36	8.17	1.86	10.05
29123	Macy & Co., Thirty-fifth street and Broadway	Lily White	73.18	41.86	31.32	9.40	8.62	1.79	11.90
29124	Siegel-Cooper Co., Sixth avenue and Eighteenth street	Daisy	72.26	41.73	30.53	9.18	8.28	1.60	10.88
29125	Fourteenth Street Store, Fourteenth street and Sixth avenue	Sweet Clover	75.90	42.38	33.52	10.38	8.25	1.82	13.08
29300	John Rush, 403 Hudson street	Sweet Clover	75.33	43.80	31.53	9.98	8.25	1.68	11.62
29658	Fourteenth Street Store, Fourteenth street and Sixth avenue	Bouquet	71.80	40.36	31.44	11.14	8.20	1.71	10.29
29659	H. O'Neill & Co., Sixth avenue, Twentieth and Twenty-first streets	Daisy	72.55	42.87	29.68	9.12	7.37	1.56	11.63
29660	Siegel-Cooper Co., Sixth avenue and Eighteenth street	Rival	71.11	42.05	29.06	9.22	7.10	1.65	11.09
29665	A. Karp, 168 Avenue B	Darling	74.15	42.18	31.97	9.50	7.92	1.73	12.82
29666	Adams & Co., Sixth avenue and Twentieth street	Magnolia	72.59	42.96	29.63	9.20	7.50	1.43	11.50
29667	Simpson, Crawford & Co., Sixth avenue and Twentieth street	Fern	73.71	42.90	30.81	9.90	7.92	1.43	11.56

29669	Simpson, Crawford & Co., Sixth avenue and Twentieth street	Sweet Clover	74.75	43.13	31.62	8.64	8.34	1.67	12.97
29670	Store, 245 Avenue A	Champion	73.47	42.57	30.90	9.99	7.79	1.56	11.56
29672	Adams & Co., Sixth avenue and Twentieth street	Winooski	73.29	42.60	30.69	10.37	7.50	1.58	11.24
29673	Andersons, Fourteenth street and First avenue	Alderney	70.79	41.01	29.78	9 30	7.50	1.59	11.39
29674	A. G. Karp, 268 Avenue B	Our Best	69.97	39.47	30.50	9.81	7.92	1.88	10.89
29683	James Butler, One Hundred and Twenty-first street and Third avenue	Essie	75.17	42.06	33.11	9.35	8.06	1.86	13.84
29684	James Butler, One Hundred and Twenty-first street and Third avenue	Liberty	75.84	44.04	31.80	9.87	8.06	1.79	12.08
29685	James Butler, One Hundred and Twenty-first street and Third avenue	Butler's	74.40	43.53	30.87	9.82	8.20	1.70	11.15
29704	Great Atlantic and Pacific Tea Company, 2135 Eighth avenue	Grandmother's	72.30	42.10	30.20	9.43	7.92	1.74	11.11
29705	Adams & Co., Sixth avenue and Twentieth street	Silver	70.35	42.19	28.16	9.06	8.20	1.55	9.35
29706	H J. Wolff, 35 Columbus avenue	Wind Mill	71.72	41.18	30.54	9.75	8.20	1.60	10.99
29707	Edw. Rafter, One Hundred and Twentieth street and Third avenue	Rafter's	75.47	43.11	32.36	10.00	8.06	1.75	12.55
29708	Gustede Bros., 2185 Eighth avenue	Silver Cord	71.46	41.17	30.29	9.90	7.79	1.65	10.95
29744	Andrew Davey, 57 Manhattan street	Rustic	74.24	42.17	32.04	9.73	8.93	1.90	11.48
29745	Danl. Reeves, 76 Manhattan street	White Pansy	72.39	41.26	30.26	9.08	8.13	1.74	11.31
29746	Danl. Reeves, 76 Manhattan street	Ruby	74.14	42.50	32.63	10.20	9.21	1.47	11.75
30160	C. Paraskenpolas, 191 First avenue	Eagle	71.55	41.60	29.95	9.95	7.18	1.62	11.20
30326	J. E. Holsten, 238 East Fifty-sixth street	Forget-Me-Not	Sample in bad condition, not fit for analysis.						
30327	Bloomingdale Bros., Fifty-ninth street and Third avenue	Vermont	71.97	41.45	30.52	9.00	7.36	1.68	12.69
30328	Chas. Hencken, 1101 Second avenue	Sweet Clover	74.08	42.58	32.50	10.16	8.65	1.75	12.10
30329	Store, 1091 Second avenue	Sweet Clover	75.37	41.92	33.45	10.40	8.52	1.80	12.61
30330	Andrew Davey, 1063 Second avenue	Sweet Clover	71.99	43.45	28.54	8.60	8.43	1.65	11.38
30331	J. C. Holsten, 238 East Fifty-sixth street	Sweet Clover	73.43	43.17	30.26	8.18	8.07	1.78	13.26
30344	Herman Heyer, 245 First avenue	Sweet Clover	73.61	41.56	31.05	9.05	7.36	1.77	12.87
30345	Store, 407 East Fourteenth street	Sweet Clover	73.86	43.67	30.19	10.09	8.33	1.76	11.54
30395	Siegel-Cooper Co., Sixth avenue and Eighteenth street	Sweet Clover	72.46	41.12	31.34	9.61	7.42	1.60	12.71

(Preservatives not found in any of the above samples of condensed milk.)

Fish, Canned and Dried.

Analysis Number.	From Whom Received.	Sample and Brand.	Results
28734	Heermance S. & R. Company, 313 Greenwich street	Caviar	Benzoic, salicylic, boric and sulphurous acids absent
28735	Ferdinand Hansen, 336 Greenwich street	Caviar	Benzoic, salicylic, boric and sulphurous acids absent
28639	G Chryssikos, 64 Barclay street	Lobster, canned	Heavy metals and coloring matter absent
28187	Great Atlantic and Pacific Tea Company, 198 First avenue	Salmon, canned, Royal Chinook	Salicylic, benzoic and boric acid absent, trace of iron present; no artificial coloring matter present
28558	Sarah Simnowitz, 202 Rivington street	Salmon, Breaker	Sample contains no coloring matter or heavy metals
28559	Sarah Simnowitz, 202 Rivington street	Salmon, Royal Chinook	Sample contains no coloring matter or heavy metals.
29301	John Rush, 403 Hudson street	Salmon, Fresh Coho (Sledge)	Cottonseed oil, heavy metals and artificial coloring matter (coal tar colors) absent.
29650	Simpson, Crawford Company, Sixth avenue and Nineteenth street	Salmon, canned	Free from borates, boric acid, sulphites or sulphurous acid, free from artificial coloring matter.
28193 A	National Smoked Fish and Provision Company, 90 Van Dyke street, Brooklyn	Smoked fish (salmon)	Borax, boric acid or fluorides none.
28193 B	National Smoked Fish and Provision Company, 90 Van Dyke street, Brooklyn	Smoked fish (white fish)	Borax, boric acid or fluorides none.
28193 C	National Smoked Fish and Provision Company, 90 Van Dyke street, Brooklyn	Smoked fish (herring)	Borax, boric acid or fluorides none.

Fruits, Canned, Dried, Etc.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
28184	Great Atlantic and Pacific Tea Company, 198 First avenue	Bartlett pears, canned, A. & P.	Benzoic, salicylic, boric and sulphurous acids none; artificial coloring matter and saccharin none; trace of iron present.
28185	Great Atlantic and Pacific Tea Company, 198 First avenue	Plums, canned, A. & P.	Salicylic, benzoic, boric acids, sulphites, saccharin and artificial coloring matter absent; traces of iron present.
30112	Fourteenth Street Store, Fourteenth street and Sixth avenue	Olives	Borax, boracic acid, salicylic acid, sulphites and artificial coloring matter absent; sample is preserved in brine.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
28317	Salvator Ferraro, 1082 Second avenue	Extract banana	Methyl alcohol and artificial coloring matter (coal-tar dyes) none; artificially flavored.
28121	Great Atlantic and Pacific Tea Co., 774 Third avenue	Extract celery, A. & P.	Methyl alcohol none; artificial coloring matter (coal-tar dyes) present.
29180	Pushcart of Geo. Davidowitch, 79 Christy street	Cherry	Artificial color (coal tar), arsenic, alcohol, acids, sugar, cherry juice, artificial fruit esters, benzoic and salicylic acids absent.
27290	W. Burton, 75 Barclay street	Extract cinnamon, Burton's	Cinnamon oil present; methyl alcohol none.
27292	W. Burton, 75 Barclay street	Extract cloves, Burton's	Clove oil present; methyl alcohol none.
27183	Great Atlantic and Pacific Tea Co., 191 First avenue	Extract Jamaica ginger, A. & P.	Methyl alcohol, artificial coloring matter (coal-tar colors) and capsicum none.
27107	Peckovitch Bros., 879 Ninth avenue	Extract lemon, St. John	Lemon oil, artificial color (coal tar) and wood alcohol none.
28123	Great Atlantic and Pacific Tea Co., 774 Third avenue	Extract lemon, A. & P.	Lemon oil by polariscope, 0.65 per cent.; methyl alcohol and artificial color none.
28135	Jas. Butler, 514 Second avenue	Extract lemon, Peerless	Oil of lemon by polariscope none; methyl alcohol none; artificial color present.
28217	Thos. J. Healy, 1998 Second avenue	Compound lemon	Lemon oil and methyl alcohol none; artificial color (coal tar) trace.
28223	J. Grosspietsch, 2494 Eighth avenue	Extract lemon compound, Princess	Lemon oil by polariscope, 0.65 per cent.; methyl alcohol none; artificial color present.
28226	F. C. Smith, 2491 Eighth avenue	Extract lemon, Royal	Lemon oil and methyl alcohol none; artificial color (coal tar) present.
28228	J. W. McLean, 2441 Eighth avenue	Extract lemon, Royal	Lemon oil and methyl alcohol none; artificial color (coal tar) present.
28230	D. Reeves & Co., 2652 Eighth avenue	Extract lemon compound, Special	Lemon oil and methyl alcohol none; artificial color (coal tar) present.
28232	John Rudd, 2622 Eighth avenue	Extract lemon, Empire State	Methyl alcohol and lemon oil none; artificial color (coal tar) present.
28236	Kirkman, Grote, 2552 Eighth avenue	Extract lemon compound, St. John	Methyl alcohol and lemon oil none; artificial color (coal tar) present.
28239	Ragus Tea and Coffee Co., 2443 Eighth avenue	Extract lemon, Ragus	Lemon oil by polariscope, 1.59 per cent.; methyl alcohol and artificial color none.
28241	A. F. Beckman & Co., 2432 Eighth avenue	Extract lemon, Mayflower	Lemon oil by polariscope, 2.03 per cent.; methyl alcohol and artificial color none.
28284	Andrew Davey, 350 Greenwich street	Extract lemon	Lemon oil and methyl alcohol none; artificial color present.
28318	Andrew Davey, 596 Second avenue	Extract lemon, Continental	Lemon oil and methyl alcohol none; artificial color present.
28319	Bastine & Co., 19 Warren street	Extract lemon, Bastine	Lemon oil by polariscops, 6.97 per cent.; methyl alcohol and artificial color none.
28466	Macy & Co., Thirty-fourth street and Broadway	Lemon fruit syrup	Glucose and chlorides present; tartaric acid absent; colored with artificial coal-tar dye.

TABLE 78 (*Continued*)

Analysis Number.	From Whom Received.	Sample and Brand	Results
28507	H. Baron, 311 Broome street	Lemon flavor	Lemon oil by polarization [illegible] per cent, alcohol by volume [illegible] per cent, colored with coal tar dye
28603	Walter Rocky, Eighth avenue and Thirty fifth street	Essence of lemon	Lemon oil by polarization [illegible] per cent, alcohol by weight, [illegible] per cent, by volume, [illegible] per cent, methyl alcohol none
28624	Wm. Burton & Co., 78 Barclay street	Extract lemon, Burton's	Lemon oil trace, methyl alcohol and artificial color none
29105	A. Berman, 1859 Madison avenue	Essence of lemon	Lemon oil by polarization [illegible] per cent, alcohol by weight, [illegible] per cent, by volume, [illegible] per cent, sugar, artificial color, methyl alcohol and acid none
29109	Kirkman, Grote, 2552 Eighth avenue	Lemon flavor compound, "St. John"	Lemon oil by polarization none, alcohol by weight, [illegible] per cent, by volume, [illegible] per cent, methyl alcohol, acid and sugar, none
29508	Cronin & Arachtinger, 105 Hudson street	Evaporated lemon	Mineral acids, salicylic, phosphoric, benzoic, salicylic, boric acid none, formaldehyde absent, citric acid present
29110	Danl. Reeves & Bro., 465 Eighth avenue	Lemon flavor, White Pansy	Lemon oil by polarization [illegible] per cent, alcohol by weight, [illegible] per cent, by volume, [illegible] per cent, methyl alcohol, acid and sugar none
29558	Saml. Altman, West Fifth street near Surf avenue, Coney Island	Lemon syrup	Lemon oil, [illegible] per cent, citric acid absent, colored with artificial color
30318	Conron & Co., 56 West Broadway	Lemon flavor	Lemon oil by polarization, [illegible] per cent, alcohol by weight, [illegible] per cent, by volume, [illegible] per cent, sugar and methyl alcohol none
29071	Wertheimer, 350 West Sixty ninth street	Lemon juice, Wertheimer's	Sample contains [illegible] per cent lemon oil, citric acid and lemon juice present
28468	Fourteenth Street Store, Fourteenth street and Sixth avenue	Lime juice, Blue Bell	Glucose, tartaric and mineral acids and heavy metals absent
29494	Reid, Yeomans & Cubit, 120 Nassau street	Lime juice	Sample contains [illegible] grains [illegible] in every [illegible], artificial coloring matter (coal tar dyes) absent
29529	A. Parish & Co., Strattes Walk and Bowery	Lemon flavor	Sulphurous, benzoic, boric, salicylic, citric, tartaric and mineral acids absent; lemon oil and artificial coloring matter absent; preserved with sugar.
29530	Earl Crates, Surf avenue near Eighth street, C. I.	Lemon flavor	Sulphurous, benzoic, boric, salicylic, citric, tartaric and mineral acids absent; lemon oil and artificial coloring matter absent; preserved with sugar.
29531	A. Stranpolis & Co., Surf avenue, between Eleventh and Twelfth streets, C. I.	Lemon flavor	Sulphurous, benzoic, boric, salicylic, citric, tartaric and mineral acids absent; lemon oil and artificial coloring matter absent; preserved with sugar.
29532	R. Vignoli, Hollander Music Hall, C. I.	Lemon flavor	Sulphurous, benzoic, boric, salicylic, citric, tartaric and mineral acid absent; lemon oil and artificial coloring matter absent; preserved with sugar.
29533	John Crotacks, Surf avenue and Thirteenth street, C. I.	Lemon flavor	Sulphurous, benzoic, boric, salicylic, citric, tartaric and mineral acids absent; lemon oil and artificial coloring matter absent; preserved with sugar.
29534	Anderson Reid, Surf avenue and Seventeenth street, C. I.	Lemon flavor	Sulphurous, benzoic, boric, salicylic, citric, tartaric and mineral acids absent; lemon oil and artificial coloring matter absent; preserved with sugar.

28700	Chief Clerk's office	Vinegar	Total solids, 2.48 per cent.; ash, 0.30 per cent.; total acidity, 4.83 per cent.; mineral acids, none.
30219	Libby, McNeil & Libby, 97 Hudson street	Malt vinegar, Libby's	Mineral acids absent; benzoic, salicylic and sulphurous acid absent.
28207	Jas. Butler, 412 Second avenue	Worcestershire sauce, Peerless	Salicylic, benzoic and boric acid, none; artificial coloring matter, none.

Disinfectants and Preservatives.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
28751	Rich. Weber, 2191 Third avenue	Brine solution	Benzoic, salicylic, sulphurous and boracic acid absent.
28752	Rich. Weber, 2191 Third avenue	Brine solution	Benzoic, salicylic, sulphurous and boracic acid absent.
28753	Rich. Weber, 2191 Third avenue	Brine solution	Benzoic, salicylic, sulphurous and boracic acid absent.
28754	Rich. Weber, 2191 Third avenue	Brine solution	Benzoic, salicylic, sulphurous and boracic acid absent.
28755	Rich. Weber, 2191 Third avenue	Brine solution	Benzoic, salicylic, sulphurous and boracic acid absent.
28757	Rich. Weber, 2191 Third avenue	Brine solution	Benzoic, salicylic, sulphurous and boracic acid absent.
29548	Willard Parker Hospital	Brine solution	Sample contains 17.9 gms. of calcium chloride per 100 c.c.
29880	Dr. Wilson	Chinosol	Oxychinolin, 47.55 per cent.; equiv. to chinosol, 86.25 per cent.
29335	Dr. Wilson	Dr. Pree's Formaldehyde Fumigator	Sample contains formaldehyde, 58.10 per cent.
29770	Dr. Billings	Hydrocine	Morphine and cocaine absent.
30101	Dr. Wilson	Paraform	Average of two determinations, 56.9 per cent. formaldehyde.
29680	Dr. Wilson	Paraform	Average of two determinations, 95.5 per cent. formaldehyde.
28804	Stutz & Feiler, 151 First street	Bottle of mixture	Borax, sulphurous acid, artificial coloring matter (coal-tar colors), none.
29866	Dr. Wilson	White powder	Sample is aluminum sulphate.
29867	Dr. Wilson	White substance	Sample is a mixture of formaldehyde and aluminum sulphate.
29910	Jacob Weiss, 703 Sixth street	Bay rum, Superior	Made up with wood alcohol; alcohol by weight, 39.20 per cent.; by volume, 46.78 per cent.; poisonous metals none.
29920	Sebastiano Carcione, 431 East Fourteenth street	Bay rum, Superior	Made up with grain and wood alcohol, alcohol by weight, 42.19 per cent.; by volume, 49.71 per cent.; poisonous metals none.

TABLE 78 (Continued)

Analysis Number.	From Whom Received.	Sample and Brand	Result
29550	L. Cohen, Dreamland, C. I.	Lemon syrup	Sample preserved with sugar, sulphurous, benzoic, boric and citric acid and formaldehyde, alcohol, citric and tartaric acid, mineral acid, lemon oil and artificial coloring matter present
29557	M. Goldstein, Sand avenue and Iron Pier Wharf, C. I.	Lemon syrup	Sample preserved with sugar, sulphurous, benzoic, boric and citric acid, and formaldehyde, alcohol, citric and tartaric acid, mineral acids, lemon oil and artificial coloring matter present
29733	Elias Labowitz, 501 East Ninety-ninth street	Lemon syrup	Artificial color, coal tar present; phosphoric and mineral acids none; sugar 42.5 per cent
30251	Abe Friedlander, 6 Suffolk street	Lemon food syrup	Benzoic, very slightly acid; artificial color, tartaric, glycerin, present; phosphoric, hydrochloric and sulphurous acids none
28049	Jas. Butler, 994 Washington street	Molasses, compound, Peerless	Direct reading in 200 mm tube, 4.37°; invert reading, 1.17°; at 45° C., ash, 4.04 per cent.; glucose none
28074	Seeman Bros., 56 Moore and Hudson street	Molasses, compound, Bertha	Direct reading in 200 mm tube, 4.37°; invert reading, 1.14°; at 45° C., ash, 4.89 per cent.; glucose none
28075	Seeman Bros., 56 Moore and Hudson streets	Molasses, compound, Belmont	Direct reading in 200 mm tube, 4.44°; invert reading, 1.18°; at 45° C., ash, 5.80 per cent.; glucose none
28079	Seeman Bros., 56 Moore and Hudson streets	Molasses, canned, Magnolia	Direct reading in 200 mm tube, 4.44°; invert reading, 1.14°; at 45° C., ash, 6.85 per cent.; glucose none
28078	Riverside Hospital	Molasses, New Orleans	Water, [illegible] per cent., total solids, 79.34 per cent., cane sugar, [illegible] per cent., ash, 3.63 per cent.
27287	W. Burton, 75 Barclay street	Extract of nutmeg	Nutmeg oil present; methyl oil none.
28326	Bastine & Co., 19 Warren street	Extract of orange, Bastine	Orange oil by polariscope, 2.72 per cent., artificial color present, wood alcohol none.
29104	A. Berman, 1829 Madison avenue	Essence of orange	Orange oil by polariscope, 4.32 per cent.; artificial color, methyl alcohol and acids none; alcohol, by weight, 79.64 per cent.; by volume, 83.35 per cent.
29179	Pushcart, Geo. Davidowitch, 79 Chrystie street	Orange	Artificial color, coal tar present; arsenic, alcohol, acids, sugar, orange juice, benzoic and salicylic acid, artificial fruit esters none.
28133	Jas. Butler, 514 Second avenue	Essence of peppermint, Peerless	Oil of peppermint present; methyl alcohol and artificial coloring none.
27291	W. Burton, 75 Barclay street	Extract of pineapple, Burton	Methyl oil none; artificial color, quantity too small to identify.
28119	Great Atlantic and Pacific Tea Co., 774 Third avenue	Extract of pineapple, A. & P.	Methyl alcohol none, colored with coal-tar dye; artificially flavored.
28322	Bastine & Co., 19 Warren street	Extract of pineapple, Bastine	Methyl alcohol none; artificial color present.
30317	Conron & Co., 265 W. Broadway	Pineapple flavor	Methyl alcohol none; artificial flavor present.
28321	Bastine & Co., 19 Warren street	Extract of pistachio, Bastine	Methyl alcohol none; artificial color, coal tar, present

29843	Kalish Pharmacy, Fourth avenue and Twenty-third street	Cacterine, Dr. Robinson's	Boric acid present; starch, cocaine and morphine absent.
29844	Kalish Pharmacy, Fourth avenue and Twenty-third street	Cacterine cream	Vaseline present, cocaine and morphine absent.
29845	Kalish Pharmacy, Fourth avenue and Twenty-third street	White powder, blowing device, cont	Boric acid present; starch, cocaine and morphine absent.
30063	Thos. Branigan, 161 Amsterdam avenue	Cold cream, Daggett & Ramsdell	Poisonous metals none.
29771	Isaac J. Epstein, 1901 Second avenue	Facial cream, Oriental	Poisonous metals none.
28080	Drug Laboratory	Camphor, spirits of	Camphor, by polariscope, 10.26 per cent.; methyl alcohol none.
28084	Drug Laboratory	Camphor, spirits of	Polariscope, 200 m.m., + 10.4 per cent., + 10.5 per cent., camphor, 4.5 per cent.
28085	Drug Laboratory	Camphor, spirits of	Polariscope, 200 m.m., + 20.8 per cent., + 20.6 per cent., camphor, 9.00 per cent.
28086	Drug Laboratory	Camphor, spirits of	Polariscope, 200 m.m., + 1.2 per cent., + 1.4 per cent., camphor, 0.5 per cent.
28087	Drug Laboratory	Camphor, spirits of	Polariscope, 200 m.m., + 4.1 per cent., + 4.0 per cent., camphor, 1.75 per cent.
28088	Drug Laboratory	Camphor, spirits of	Polariscope, 200 m.m., + 0.6 per cent., camphor 0.25 per cent.
28089	Drug Laboratory	Camphor, spirits of	Polariscope, 200 m.m., + 6.9 per cent., camphor 3.00 per cent.
28301	Kellogg & Co., 1031 Sixth avenue	Menthol powders, Compound	Free from cocaine and morphine.
28626	Chas. Hitsch, 205 Worth street	Cocaine	Sample is cocaine hydrochloride.
28826	A. & B. S. Lehman, 375 Third avenue	Coryzon	Cocaine, 1.01 per cent., equivalent to cocaine hydrochloride, 1.04 per cent.
28968	Chief Clerk's office	Acetic acid	35.1 per cent. acetic acid by weight, corresponds to the U. S. P., 1900.
28969	Chief Clerk's office	Collodion	Sample is made up with ethyl alcohol, contains 24 per cent. alcohol U. S. P.
29282	J. J. Barry, 1562 Third avenue	Carbolic acid solution	Found 4.14 per cent. carbolic acid.
29283	B. A. Goldlust, 1565 Third avenue	Carbolic acid solution	Found 4.22 per cent. carbolic acid.
29284	Geo. C. Rous, 1694 Third avenue	Carbolic acid solution	Found 3.21 per cent. carbolic acid.
29285	Arthur Baselow, Lexington avenue and Ninety-sixth street	Carbolic acid solution	Found 3.29 per cent. carbolic acid.
29305	Gustav Unger, 1066 Second avenue	Carbolic acid solution	Found 4.84 per cent. carbolic acid.
29306	Katzman & Co., Second avenue, corner Fifty-first street	Carbolic acid solution	Found 3.13 per cent. carbolic acid.
29307	G. C. P. Stolzenburg, 944 Second avenue	Carbolic acid solution	Found 5.11 per cent. carbolic acid.
29308	J. Jungmann, 1020 Third avenue	Carbolic acid solution	Found 1.97 per cent. carbolic acid.
29309	Schwartz Bros., Sixtieth street and Third avenue	Carbolic acid solution	Found 3.54 per cent. carbolic acid.

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
28078	Charles Israel & Bros., 486 Canal street	Maple syrup, Vermont	Direct reading, +52.5; indirect reading, 18.4; ash, 0.50 per cent.
28759	Chief Clerk's office	Maple syrup	Sucrose, 57.31 per cent.; ash, 0.49 per cent; water, 29.74 per cent.; total solids, 70.26 per cent., glucose none.
30215	F. H. Leggett & Co., W. B'way and Franklin street	Maple syrup, Premier	Sucrose, 63.95 per cent.; ash, 0.62 per cent.; sample is maple syrup.
30234	Austin, Nichols & Co., Hudson and Jay streets	Maple syrup	Sucrose, 60.45 per cent.; ash, 0.52 per cent.; sample is maple syrup.
30235	Austin, Nichols & Co. Hudson and Jay streets	Maple syrup, Sunbeam	Sucrose, 61.82 per cent.; ash, 0.49 per cent.; sample is maple syrup.
30246	R. C. Williams & Co., 60 Hudson street	Maple syrup, Royal Scarlet	Sucrose, 57.24 per cent.; ash, 0.55 per cent.; sample is maple syrup.
30247	R. C. Williams & Co., 60 Hudson street	Maple syrup, Monogram	Sucrose, 57.45 per cent.; ash, 0.60 per cent.; sample is maple syrup.
30282	Seeman Bros., 121 Hudson street	Maple sap syrup, White Rose	Total sucrose, 61.72 per cent.; ash, 0.56 per cent.; sample is maple syrup.
30283	Seeman Bros., 121 Hudson street	Maple syrup, Warfield	Total sucrose, 64.32 per cent.; ash, 0.24 per cent.; sample is maple sugar, approx 25.74 per cent cane sugar, 38.58 per cent.
30340	Chas. Israel & Bros., 486 Canal street	Maple syrup, Vermont	Total sucrose 57.58 per cent. ash, 0.22 per cent.; maple sugar, approx., 21.11 per cent.; cane sugar, approx., 36.47 per cent.; glucose none.
30341	Chas. Israel & Bros., 486 Canal street	Maple and cane syrup	Total sucrose, 62.63 per cent.; maple sugar, approx., 10.71 per cent. cane sugar, approx., 21.92 per cent.; glucose none.
28107	Gt. Atl. & Pac. Tea Co., 467 Second avenue	Fancy table syrup, A. & P. (comp.)	Cane sugar 7.5 per cent.; glucose, 80.00 per cent.
29316	Department of Inspection, Richmond	Chocolate	Benzoic, salicylic acids, glucose and artificial coloring matter absent.
28101	Gt. Atl. & Pac. Tea Co., 467 Second avenue	Pure syrup, Gold Leaf	Direct reading, +60.8; invert reading, −18.4; ash, 0.11 per cent.
30233	Austin, Nichols & Co., Hudson and Jay streets	Syrup, Hudson	Total sucrose, 62.58 per cent.; maple sugar, approx., 3.13 per cent.; sugar, approx., 59.45 per cent.; ash, 0.03 per cent.
30162	T. F. McGourty, 917 Sixth avenue	Pancake syrup, Nabob	Sucrose, 71.67 per cent.; ash, 0.13 per cent.; a mixture of cane and maple sugar.
30214	F. H. Leggett, West Broadway and Franklin street	Pancake syrup, Nabob	Sucrose, 62.42 per cent.; ash, 0.09 per cent.; maple sugar, approx., 10.40 per cent.; cane sugar, approx., 52.02 per cent.
30252	Abr. Friedlander, 6 Suffolk street	Syrup, Orange	Reaction, very slightly acid; phosphoric, hydrochloric and sulphuric acids none; glucose and artificial color (coal tar) present.
30250	Jas. Butler, 1451 First avenue	Vermont syrup, Peerless	Sucrose, 59.70 per cent.; ash, 0.08 per cent.; maple sugar approx., 7.96 per cent.; cane sugar, approx., 51.74 per cent.
29319	Department of Inspection, Richmond	Pineapple flavor	Benzoic, salicylic, acids, glucose and artificial coloring matter (coal tar) none.

29994	Mr. Scheffer, Secretary, D H	White powder	Sample contains magnesium, bismuth and nitric acid, a. d probably combined as magnesium oxide and bismuth sub-nitrate.
29136	J. Jungman, 1020 Third avenue	Compressed pill throat mentholated	Cocaine hydrochloride, 0.0033 grain per tablet.
29137	Wm. B. Riker & Son, Sixth avenue and Twenty-third street	Compressed pill throat mentholated	Cocaine hydrochloride, 0.002 grain per pill.
29218	Caswell & Massey, 1122 Broadway	Compressed pill throat mentholated	Cocaine hydrochloride, 0.0032 grain per pill.
29304	Sydney Faber, 1102 Second avenue	Compressed pill throat mentholated	Cocaine hydrochloride, 1/285 grain per tablet.
28682	J. Tushnit, First avenue corner Sixteenth street	Catarrhal powder, Dr. Agnew's	Cocaine none.
28863	David Davidson, 1363 Second avenue	Catarrhal powder, Dr. Agnew's	Cocaine hydrochloride, 1.94 per cent.
28890	Chas. N. Halpin, 127 Manhattan street	Catarrhal powder, Dr. Agnew's	Cocaine 1.59 per cent., equivalent to cocaine hydrochloride 1 64 per cent.
29216	Henry Klatzko, 1965 Third avenue	Catarrhal powder, Dr. Agnew's	Cocaine 2.21 per cent., equivalent to cocaine hydrochloride 2.46 per cent.
29240	Fred. E. Smith, 646 Madison avenue	Catarrhal powder, Dr. Agnew's	Cocaine 1.78 per cent., equivalent to cocaine hydrochloride 1.98 per cent.
28173	N. Y. World	Catarrhal powder, Dr. Birney's	Sodium benzoate, 0.20 per cent.; cocaine hydrochloride, 1.53 per cent.; menthol present.
28289	F. Kinsman, Southeast corner One Hundred and Twenty-fifth street and Eighth avenue	Catarrhal powder, Dr. Birney's	Found 1.5 per cent. cocaine hydrochlorate.
28681	Hass Pharmacy, 268 Fourth avenue	Catarrhal powder, Dr. Birney's	Found 1.61 per cent. cocaine hydrochloride.
28889	Harry I. Oxman, 1258 Amsterdam avenue	Catarrhal powder, Dr. Birney's	Found 1.62 per cent. cocaine hydrochlorate.
29235	Geo. Oberdorfer, 2393 Eighth avenue	Catarrhal powder, Dr. Birney's	Found 1.60 per cent. cocaine hydrochlorate.
29236	Leopold Alpmann, 1784 Madison avenue	Catarrhal powder, Dr. Birney's	Found 1.47 per cent. cocaine hydrochlorate.
29237	Wm. F. Ernst, 2037 Madison avenue	Catarrhal powder, Dr. Birney's	Found 1.65 per cent. cocaine hydrochlorate.
29238	Geo. Oberdorfer, 47 East One Hundred and Twenty-fifth street	Catarrhal powder, Dr. Birney's	Found 1.66 per cent. cocaine hydrochlorate.
29302	Francis X. Hart, 1077 Second avenue	Catarrhal powder, Dr. Birney's	Found 1.73 per cent. cocaine hydrochlorate.
28172	N. Y. World	Catarrhal powder, Crown	Cocaine hydrochloride, 1.74 per cent.; sodium benzoate, 1.18 per cent.; menthol present.
28712	Geo. F. Phillips, 846 Eighth avenue	Catarrhal powder, Crown	Cocaine hydrochloride none.
29172	E. Fredlieb, 357 Eighth avenue	Catarrhal powder, Crown	Cocaine hydrochloride 1.56 per cent.
29184	Louis Goldstein, 1707 Madison avenue	Catarrhal powder, Crown	Cocaine hydrochloride 1.88 per cent.
29239	Aug. E. Muller, 1231 Madison avenue	Catarrhal powder, Crown.	Cocaine hydrochloride 1.77 per cent.
28244	Scharf Bros., 2157 Eighth avenue	Catarrhal powder, Crown	Cocaine hydrochloride 2.18 per cent.
28290	J. Priest, 200 West Twenty-third street	Catarrhal powder, Crown	Cocaine hydrochloride 2.3 per cent.

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
30376	Israel Licht, stand, Pitt near Delancey street.	Mustard oil	Sample is cotton seed oil colored with an artificial coloring matter.
28139	Store-room Chemical Laboratory	Olive oil	Refractive index at 15° C., 1.4705; iodine number, 89; Maumene number, 35; saponification number, 191; Halphen reaction negative.
28617	Great Atlantic and Pacific Tea Co., 467 Second avenue	Olive oil, Huile D'Olive	Halphen reaction negative; iodine number, 81.03; sample is pure olive oil.
28635	Willard Parker Hospital	Olive oil, Lucca	Halphen reaction negative; iodine number, 83.96; sample is pure olive oil.
28965	Chief Clerk's office	Olive oil	Halphen reaction negative; iodine number, 92; sample is pure olive oil.
29000	Chief Clerk's office	Olive oil	Halphen reaction negative; iodine number, 92; sample is pure olive oil.
29160	Chief Clerk's office	Olive oil	Halphen reaction negative; iodine number, 94; sample is pure olive oil.
29753	Chief Clerk's office	Olive oil	Halphen action negative; iodine number, 92; sample is pure olive oil.
30338	Charles Israel & Bros., 486 Canal street	Olive oil, imported Italian	Sample is olive oil.
28073	Charles Israel & Bros., 486 Canal street	Salad oil, E. Loubon Superfine	Halphen reaction positive; iodine number, 110.5; sample is cottonseed oil.
28109	Charles Israel & Bros., 486 Canal street	Salad oil, Giacomo Luigi	Halphen reaction positive; iodine number, 111.8; sample is cottonseed oil.
30339	Charles Israel & Bros., 486 Canal street	Salad oil, Globe	Sample is cottonseed oil.
30351	J. Wishinsky, 47 Norfolk street	Oil pressed from cottonseed	Sample is cottonseed oil, contains artificial coloring matter in very small quantities.
30352	Littauer Oil Co., 58 Norfolk street	Oil pressed from cottonseed	Sample is cottonseed oil, contains artificial coloring matter in very small quantities.
30353	Littauer Oil Co., 58 Norfolk street	Oil pressed from cottonseed	Sample is cottonseed oil free from artificial color.
30354	Littauer Oil Co., 58 Norfolk street	Salad oil	Sample is cottonseed oil, contains artificial coloring matter in very small quantities.
28911	Willard Parker Hospital	Paint	Consists of lead, carbonate, linseed oil and a pigment.
29786	Willard Parker Hospital	Lead paint	Sample is a lead paint and made up of linseed oil.
30349	Dr. Wilson	Paint and varnish remover, Ad-el-lte	Sample is a wood naphtha.
29992	Chief Clerk's office	Shellac and denatured alcohol	Sample is equal to standard submitted.
28540A	Chief Clerk's office	Soap, Babbit's	Moisture, 26.47 per cent.; free alkali calculated to sodium hydrate, 11.40 per cent.
28540B	Chief Clerk's office	Soap, Babbitt's	Moisture, 26.47 per cent.; free alkali none; total alkali, as Na_2O, 8.34 per cent.; fatty anhydrid, 65.92 per cent.

28249	R. Coplan, 295 Eighth avenue	Catarrh powder	Free from cocaine and morphine.
28250	J. Brown, 207 Ninth avenue	Catarrh powder	Free from cocaine and morphine.
28251	Eighth Avenue Drug Company, 2183 Eighth avenue	Catarrh powder	Free from cocaine and morphine.
28275	Zagat Drug Company, 2131 Eighth avenue	Catarrh powder	Free from cocaine, morphine and mydriadic alkaloids.
28292	Kohler & Company, 2229 Eighth avenue	Catarrh powder	Free from cocaine, morphine and mydriadic alkaloids.
28293	I. W. Creenane, 62 Manhattan avenue	Catarrh powder	Free from cocaine and morphine.
28294	F. James, 1702 Eighth avenue	Catarrh powder	Free from cocaine and morphine.
28295	H. Grolpin, 1014 Sixth avenue	Catarrh powder	Free from cocaine and morphine.
28296	J. Marks, 308 Amsterdam avenue	Catarrh powder	Free from cocaine and morphine.
28297	Store, 992 Sixth avenue	Catarrh powder	Free from cocaine and morphine.
28298	L. Geiss, 206 Seventh avenue	Catarrh powder	Free from cocaine and morphine.
28299	Boeddike, 954 Sixth avenue	Catarrh powder	Free from cocaine and morphine.
28300	Weinman, 173 Seventh avenue	Catarrh powder	Free from cocaine and morphine.
28713	Reliable Drug Co., 770 Eighth avenue	Catarrh powder	Cocaine hydrochloride, 2.44 per cent.
29173	H. Salmon, corner Canal and Hudson streets.	Catarrh powder	Cocaine none.
29174	H. Smith, 854 Seventh avenue	Catarrh powder	Cocaine none.
29175	E. Segall, 286 Seventh avenue	Catarrh powder	Cocaine none.
29176	J. Grotta, 446 Sixth avenue	Catarrh powder	Cocaine none.
29177	A. Rattner, 334 Eighth avenue	Catarrh powder	Cocaine none.
29178	H. Cassebeer, 582 Ninth avenue	Catarrh powder	Cocaine none.
30558	Bloomingdale Bros., Fifty-ninth street and Sixth avenue	Catarrh powder	Cocaine none.
29908	Jacob Weiss, 703 Sixth street	Hygiene freezing cream	Wood alcohol and poisonous metals none.
29922	Sesbastiano Carcione, 431 East Fourteenth street	Rose cream	Wood alcohol and poisonous metals none.
29997	J. Bushemi, 174 East One Hundred and Twelfth street	Florida water	Made of wood alcohol; alcohol by weight, 41.66 per cent.; by volume, 49.11 per cent.; poisonous metals none.
29909	Jacob Weiss, 703 Sixth street	Florida water	Made up with wood alcohol; by weight, 30.17 per cent.; by volume, 36.39 per cent.; poisonous metals none.
29995	John Bushemi, 174 East One Hundred and Twelfth street	Freezerine	Methyl alcohol and poisonous metals none.

Fish, Canned and Dried.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
28734	Heermance S. & R. Company, 313 Greenwich street	Caviar	Benzoic, salicylic, boric and sulphurous acids absent.
28735	Ferdinand Hansen, 336 Greenwich street	Caviar	Benzoic, salicylic, boric and sulphurous acids absent.
28639	G. Chryssikos, 64 Barclay street	Lobster, canned	Heavy metals and coloring matter absent.
28187	Great Atlantic and Pacific Tea Company, 198 First avenue	Salmon, canned, Royal Chinook	Salicylic, benzoic and boric acid absent; trace of iron present; no artificial coloring matter present.
28558	Sarah Simnowitz, 202 Rivington street	Salmon, Breaker	Sample contains no coloring matter or heavy metals.
28559	Sarah Simnowitz, 202 Rivington street	Salmon, Royal Chinook	Sample contains no coloring matter or heavy metals.
29301	John Rush, 403 Hudson street	Salmon, Fresh Cohoe (Sledge)	Cottonseed oil, heavy metals and artificial coloring matter (coal-tar colors) absent.
29650	Simpson, Crawford Company, Sixth avenue and Nineteenth street	Salmon, canned	Free from borates, boric acid, sulphites or sulphurous acid; free from artificial coloring matter.
28193 A	National Smoked Fish and Provision Company, 90 Van Dyke street, Brooklyn	Smoked fish (salmon)	Borax, boric acid or fluorides none.
28193 B	National Smoked Fish and Provision Company, 90 Van Dyke street, Brooklyn	Smoked fish (white fish)	Borax, boric acid or fluorides none.
28193 C	National Smoked Fish and Provision Company, 90 Van Dyke street, Brooklyn	Smoked fish (herring)	Borax, boric acid or fluorides none.

Fruits, Canned, Dried, Etc.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
28184	Great Atlantic and Pacific Tea Company, 198 First avenue	Bartlett pears, canned, A. & P.	Benzoic, salicylic, boric and sulphurous acids none; artificial coloring matter and saccharin none; trace of iron present.
28185	Great Atlantic and Pacific Tea Company, 198 First avenue	Plums, canned, A. & P.	Salicylic, benzoic, boric acids, sulphites, saccharin and artificial coloring matter absent; traces of iron present.
30112	Fourteenth Street Store, Fourteenth street and Sixth avenue	Olives	Borax, boracic acid, salicylic acid, sulphites and artificial coloring matter absent; sample is preserved in brine.

Flavoring Extracts, Syrups, Etc.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
28317	Salvator Ferraro, 1082 Second avenue	Extract banana	Methyl alcohol and artificial coloring matter (coal-tar dyes) none; artificially flavored.
28121	Great Atlantic and Pacific Tea Co., 774 Third avenue	Extract celery, A. & P.	Methyl alcohol none; artificial coloring matter (coal-tar dyes) present.
29180	Pushcart of Geo. Davidowitch, 79 Christy street	Cherry	Artificial color (coal tar), arsenic, alcohol, acids, sugar, cherry juice, artificial fruit esters, benzoic and salicylic acids absent.
27290	W. Burton, 75 Barclay street	Extract cinnamon, Burton's	Cinnamon oil present; methyl alcohol none.
27292	W. Burton, 75 Barclay street	Extract cloves, Burton's	Clove oil present; methyl alcohol none.
27183	Great Atlantic and Pacific Tea Co., 191 First avenue	Extract Jamaica ginger, A. & P.	Methyl alcohol, artificial coloring matter (coal-tar colors) and capsicum none.
27107	Peckovitch Bros., 879 Ninth avenue	Extract lemon, St. John	Lemon oil, artificial color (coal tar) and wood alcohol none.
28123	Great Atlantic and Pacific Tea Co., 774 Third avenue	Extract lemon, A. & P.	Lemon oil by polariscope, 0.65 per cent.; methyl alcohol and artificial color none.
28135	Jas. Butler, 514 Second avenue	Extract lemon, Peerless	Oil of lemon by polariscope none; methyl alcohol none; artificial color present.
28217	Thos. J. Healy, 1998 Second avenue	Compound lemon	Lemon oil and methyl alcohol none; artificial color (coal tar) trace.
28223	J. Grosspietsch, 2494 Eighth avenue	Extract lemon compound, Princess	Lemon oil by polariscope, 0.65 per cent.; methyl alcohol none; artificial color present.
28226	F. C. Smith, 2491 Eighth avenue	Extract lemon, Royal	Lemon oil and methyl alcohol none; artificial color (coal tar) present.
28228	J. W. McLean, 2441 Eighth avenue	Extract lemon, Royal	Lemon oil and methyl alcohol none; artificial color (coal tar) present.
28230	D. Reeves & Co., 2652 Eighth avenue	Extract lemon compound, Special	Lemon oil and methyl alcohol none; artificial color (coal tar) present.
28232	John Rudd, 2622 Eighth avenue	Extract lemon, Empire State	Methyl alcohol and lemon oil none; artificial color (coal tar) present.
28236	Kirkman, Grote, 2552 Eighth avenue	Extract lemon compound, St. John	Methyl alcohol and lemon oil none; artificial color (coal tar) present.
28239	Ragus Tea and Coffee Co., 2443 Eighth avenue	Extract lemon, Ragus	Lemon oil by polariscope, 1.59 per cent.; methyl alcohol and artificial color none.
28241	A. F. Beckman & Co., 2432 Eighth avenue	Extract lemon, Mayflower	Lemon oil by polariscope, 2.03 per cent.; methyl alcohol and artificial color none.
28284	Andrew Davey, 350 Greenwich street	Extract lemon	Lemon oil and methyl alcohol none; artificial color present.
28318	Andrew Davey, 596 Second avenue	Extract lemon, Continental	Lemon oil and methyl alcohol none; artificial color present.
28319	Bastine & Co., 19 Warren street	Extract lemon, Bastine	Lemon oil by polariscops, 6.97 per cent.; methyl alcohol and artificial color none.
28466	Macy & Co., Thirty-fourth street and Broadway	Lemon fruit syrup	Glucose and chlorides present; tartaric acid absent; colored with artificial coal-tar dye.

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
28597	H. Baron, 311 Broome street	Lemon flavor	Lemon oil by polariscope, 0.35 per cent.; alcohol by volume, 48.52 per cent.; colored with coal tar dye.
28603	Walter Rocky, Eighth avenue and Thirty-fifth street	Essence of lemon	Lemon oil by polariscope, 6.60 per cent.; alcohol by weight, 75.24 per cent.; by volume, 80.19 per cent.; methyl alcohol none.
28624	Wm. Burton & Co., 75 Barclay street	Extract lemon, Burton's	Lemon oil trace; methyl alcohol and artificial color none
29105	A. Berman, 1829 Madison avenue	Essence of lemon	Lemon oil by polariscope, 7.15 per cent.; alcohol by weight, 63.69 per cent., by volume, 70.47 per cent.; sugar, artificial color, methyl alcohol and acid none.
29109	Kirkman, Grote, 2552 Eighth avenue	Lemon flavor compound, St. John	Lemon oil by polariscope none; alcohol by weight, 27.07 per cent.; by volume, 32.81 per cent.; methyl alcohol, acid and sugar, none.
29508	Cronin & Arachtinger, 105 Hudson street	Evaporated lemon	Mineral acids, sulphurous, phosphoric, benzoic, salicylic, boric acid none; formaldehyde absent; citric acid present.
29110	Danl. Reeves & Bro., 2652 Eighth avenue	Lemon flavor, White Pansy	Lemon oil by polariscope, 4.74 per cent.; alcohol by weight, 84.42 per cent.; by volume, 87.92 per cent.; methyl alcohol, acid and sugar none.
29558	Saml. Altman, West Fifth street near Surf avenue, Coney Island	Lemon syrup	Lemon oil, 0.8 per cent.; citric acid absent; colored with artificial color.
30318	Conron & Co., 265 West Broadway	Lemon flavor	Lemon oil by polariscope, 9.53 per cent.; alcohol by weight, 81.18 per cent.; by volume, 84.27 per cent.; sugar and methyl alcohol none.
29071	Wertheimer, 200 West Sixty-ninth street	Lemon juice, Wertheimer's	Sample contains 0.08 per cent. benzoic acid; citric acid and lemon juice present.
28468	Fourteenth Street Store, Fourteenth street and Sixth avenue	Lime juice, Blue Bell	Glucose, tartaric and mineral acids and heavy metals absent.
29494	Reid, Yeomans & Cubit, 140 Nassau street	Lime juice	Sample contains 0.0126 grams SO_2 in every 100 c.c.; artificial coloring matter (coal tar dyes) absent.
29529	A. Parish & Co., Strattes Walk and Bowery.	Lemon flavor	Sulphurous, benzoic, boric, salicylic, citric, tartaric and mineral acids absent; lemon oil and artificial coloring matter absent; preserved with sugar.
29530	Earl Crates, Surf avenue near Eighth street, C. I.	Lemon flavor	Sulphurous, benzoic, boric, salicylic, citric, tartaric and mineral acids absent; lemon oil and artificial coloring matter absent; preserved with sugar.
29531	A. Stranpolis & Co., Surf avenue, between Eleventh and Twelfth streets, C. I.	Lemon flavor	Sulphurous, benzoic, boric, salicylic, citric, tartaric and mineral acids absent; lemon oil and artificial coloring matter absent; preserved with sugar.
29532	R. Vignoli, Hollander Music Hall, C. I.	Lemon flavor	Sulphurous, benzoic, boric, salicylic, citric, tartaric and mineral acid absent; lemon oil and artificial coloring matter absent; preserved with sugar.
29533	John Crotacks, Surf avenue and Thirteenth street, C. I.	Lemon flavor	Sulphurous, benzoic, boric, salicylic, citric, tartaric and mineral acids absent; lemon oil and artificial coloring matter absent; preserved with sugar.
29534	Anderson Reid, Surf avenue and Seventeenth street, C. I.	Lemon flavor	Sulphurous, benzoic, boric, salicylic, citric, tartaric and mineral acids absent; lemon oil and artificial coloring matter absent; preserved with sugar.

29662	Simpson Crawford Co., Sixth avenue and Twentieth street	Cream, Borden's	Fats, 9.37 per cent.; total solids, 29.10 per cent.; preservatives none.
30459	Great American Tea Co., southwest corner Vesey and Church streets	Evaporated milk, Cockatoo	Fats, 8.70 per cent.; total solids, 28.59 per cent.; preservatives none.
29117	Siegel-Cooper Co., Eighteenth street and Sixth avenue	Evaporated milk, Columbia	Fats, 8.27 per cent.; total solids, 27.23 per cent.; preservatives none.
29651	H. O'Neill & Co., Sixth avenue and Twentieth street	Evaporated cream, Gold	Fats, 8.00 per cent.; total solids, 26.02 per cent.; preservatives none.
29882	Adams & Co., Sixth avenue and Twentieth street	Evaporated cream, Gold	Fats, 7.60 per cent.; total solids, 25.68 per cent.; preservatives none.
28601	Siegel-Cooper Co., Eighteenth street and Sixth avenue	Evaporated cream, Gold Cross	Sample is acid; analysis not made; sample in bad condition.
28970	Heermance Cold Storage Co., 298 Greenwich street	Evaporated milk, Gold Cross	Sample is acid; analysis not made; sample in bad condition.
28971	Heermance Cold Storage Co., 298 Greenwich street	Evaporated milk, Gold Cross	Sample is acid; analysis not made; sample in bad condition.
28972	Heermance Cold Storage Co., 298 Greenwich street	Evaporated milk, Gold Cross	Sample is acid; analysis not made; sample in bad condition.
28973	Heermance Cold Storage Co., 298 Greenwich street	Evaporated milk, Gold Cross	Sample is acid; analysis not made; sample in bad condition.
28974	Heermance Cold Storage Co., 298 Greenwich street	Evaporated milk, Gold Cross	Sample is acid; analysis not made; sample in bad condition.
28975	Heermance Cold Storage Co., 298 Greenwich street	Evaporated milk, Gold Cross	Sample is acid; analysis not made; sample in bad condition.
29139	Fourteenth Street Store, Fourteenth street and Sixth avenue	Evaporated milk, Gold Cross	Sample is acid and curdled.
29140	Fourteenth Street Store, Fourteenth street and Sixth avenue	Evaporated milk, Gold Cross	Sample is acid and curdled.
29185	Fourteenth Street Store, Fourteenth street and Sixth avenue	Evaporated milk, Gold Cross	Sample is acid and curdled.
29186	Fourteenth Street Store, Fourteenth street and Sixth avenue	Evaporated milk, Gold Cross	Sample is acid and curdled.
29187	Fourteenth Street Store, Fourteenth street and Sixth avenue	Evaporated milk, Gold Cross	Sample is acid and curdled.
29188	Fourteenth Street Store, Fourteenth street and Sixth avenue	Evaporated milk, Gold Cross	Sample is acid and curdled.
29189	Fourteenth Street Store, Fourteenth street and Sixth avenue	Evaporated milk, Gold Cross	Sample is acid and curdled.
29268	Mohawk Cond. Milk Co., 89 Hudson street	Evaporated milk, Gold Cross	Fats, 8.32 per cent.; total solids, 26.30 per cent.; preservatives none.
29269	Mohawk Cond. Milk Co., 89 Hudson street	Evaporated milk, Gold Cross	Fats, 8.27 per cent.; total solids, 25.90 per cent.; preservatives none.
29482	Mohawk Cond. Milk Co., 89 Hudson street	Evaporated milk, Gold Cross	Sample curdled; unfit for analysis.
29483	Mohawk Cond. Milk Co., 89 Hudson street	Evaporated milk, Gold Cross	Sample curdled; unfit for analysis.
29484	Mohawk Cond. Milk Co., 89 Hudson street	Evaporated milk, Gold Cross	Sample curdled; unfit for analysis.
29664	Adams & Co., Sixth avenue and Twentieth street	Evaporated cream, Gold Cross	Sample curdled; unfit for analysis.
29652	Fourteenth Street Store, Fourteenth street and Sixth avenue	Evaporated cream, Gold Cross	Fats, 8.00 per cent.; total solids, 26.96 per cent.; preservatives none.

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
29556	L. Cohen, Dreamland, C. I.	Lemon syrup	Sample preserved with sugar; sulphurous, benzoic, boric and salicylic acids and formaldehyde absent; citric and tartaric acids, mineral acids, lemon oil and artificial coloring matter absent.
29557	M. Goldstein, Surf avenue and Iron Pier Wharf, C. I.	Lemon syrup	Sample preserved with sugar; sulphurous, benzoic, boric and salicylic acids and formaldehyde absent; citric and tartaric acids, mineral acids, lemon oil and artificial coloring matter absent.
29733	Elias Laborwitz, 301 East Ninety-ninth street.	Lemon syrup	Artificial color, coal tar present; phosphoric and mineral acids none; cane sugar, 21.5 per cent.
30253	Abr. Friedlander, 6 Suffolk street	Lemon fruit syrup	Reaction, very slightly acid; artificial color trace; glucose present; phosphoric, hydrochloric and sulphurous acids none.
28039	Jas. Butler, 394 Washington street	Molasses compound, Peerless	Direct reading in 200 mm. tube, +37.2; invert reading, +17.6 at 23° C.; ash, 4.14 per cent.; glucose none.
28074	Seeman Bros., N. Moore and Hudson streets.	Molasses compound, Bertha	Direct reading in 200 mm. tube, +37.2; invert reading, −13.2 at 20° C.; ash, 4.89 per cent.; glucose none.
28075	Seeman Bros., N. Moore and Hudson streets.	Molasses compound, Belmont	Dirct reading in 200 mm tube, +33.6; invert reading, −18.8 at 20° C.; ash, 5.81 per cent.; glucose none.
28079	Seeman Bros., N. Moore and Hudson streets.	Molasses, canned, Magnolia	Direct reading in 200 mm. tube, +44.2; invert reading, −24.0 at 23° C.; ash, 6.83 per cent.; glucose none.
28678	Riverside Hospital	Molasses, New Orleans	Water, 20.68 per cent.; total solids, 79.32 per cent.; cane sugar, 38.00 per cent.; ash, 3.65 per cent.
27287	W. Burton, 75 Barclay street	Extract of nutmeg	Nutmeg oil present; methyl oil none.
28326	Bastine & Co., 19 Warren street	Extract of orange, Bastine	Orange oil by polariscope, 2.72 per cent.; artificial color present, wood alcohol none.
29104	A. Berman, 1829 Madison avenue	Essence of orange	Orange oil by polariscope, 4.32 per cent.; artificial color, methyl alcohol and acids none; alcohol, by weight, 79.64 per cent.; by volume, 83.35 per cent.
29179	Pushcart, Geo. Davidowitch, 79 Chrystie street	Orange	Artificial color, coal tar present; arsenic, alcohol, acids, sugar, orange juice, benzoic and salicylic acid, artificial fruit esters none.
28133	Jas. Butler, 514 Second avenue	Essence of peppermint, Peerless	Oil of peppermint present; methyl alcohol and artificial coloring none.
27291	W. Burton, 75 Barclay street	Extract of pineapple, Burton	Methyl oil none; artificial color, quantity too small to identify.
28119	Great Atlantic and Pacific Tea Co., 774 Third avenue	Extract of pineapple, A. & P.	Methyl alcohol none, colored with coal-tar dye; artificially flavored.
28322	Bastine & Co., 19 Warren street	Extract of pineapple, Bastine	Methyl alcohol none; artificial color present.
30317	Conron & Co., 265 W. Broadway	Pineapple flavor	Methyl alcohol none; artificial flavor present.
28321	Bastine & Co., 19 Warren street	Extract of pistachio, Bastine	Methyl alcohol none; artificial color, coal tar, present.

Fats, Oils, Etc.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
30116	Chief Clerk's office	Aluminum bronze	Sample is aluminum; free from other metals.
30025	Chief Clerk's office	Aluminum bronze, Standard	Sample is aluminum; free from other metals.
29993	Chief Clerk's office	Bronze liquid	Sample is equal to standard submitted.
30027	Chief Clerk's office	Bronze liquid, Standard	Sample is made up with amyl acetate; rosin present.
30026	Chief Clerk's office	Gold bronze, Standard	Sample is copper; traces of iron and aluminum present.
30117	Chief Clerk's office	Gold bronze	Sample is copper; traces of iron and aluminum present.
28027	H. C. Weebcen, 103 West Fourteenth street	Butter	Sample is butter; Reichert Meissl number, 48.17.
28177	Charles Bacal, 1760 Third avenue	Butter	Sample is butter.
29144	Mr. Irwin, New Dorp, S. I.	Butter	Sample is genuine butter; Reichert Meissl number, 26.2
30356	Mr. Kilbourne	Butter	Sample is butter; free from artificial color.
28312	H. F. Eisentrager, 1882 Third avenue	Cod-liver oil, Phillip's Emulsion	Sample contains cod-liver oil 48.75 per cent.; phosphate present.
30015	Chief Clerk's office	Batavia Dammar, White No. 1	Sample is equal to standard submitted.
30019	Chief Clerk's office	Liquid dryer (Pittsburg Plate Glass Co.)	Sample is equal to standard submitted.
30466	Chief Clerk's office	Electric liquid drier, Standard	Sample contains rosin.
30472	Chief Clerk's office	Enamolin, Standard	Rosin present; metallic substance absent.
37761	Mr. Raynor, Chief Sanitary Inspector	Fat in paper	Iodine number, 33.2; Maumene number, 16° C.; Sol. Pt. 40°—38.5°; melting point, 51.5°.
28776	Mrs. Reiss, 105 Amsterdam avenue	Lard	Sample contains cottonseed oil.
28912	Inspector Naughton, H. D	Linseed oil	Specific gravity, 0.930; iodine number 181; sample is linseed oil.
30017	Chief Clerk's office	Raw linseed oil (Pittsburg Plate Glass Co.)	Iodine number correct for linseed oil; sample is linseed oil.
30068	Chief Clerk's office	Boiled linseed oil	Iodine number after 36 hours, 328; Iodine number after 6 hours, 229; sample does not correspond to pure linseed oil.
29990	Chief Clerk's office	Raw linseed oil	Iodine number after 36 hours, 293; after 6 hours, 195; sample does not correspond to pure linseed oil.
29509	Dr. Wilson	Mineral oil	Sample is probably oil used for polishing or cleaning woodwork; not fit for lubricating purposes as the flash point is too low (below 44° C.).

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
28078	Charles Israel & Bros., 486 Canal street	Maple syrup, Vermont	Direct reading, +52.5; indirect reading, −18.4; ash, 0.50 per cent.
28759	Chief Clerk's office	Maple syrup	Sucrose, 57.31 per cent.; ash, 0.49 per cent.; water, 29.74 per cent.; total solids, 70.26 per cent., glucose none.
30215	F. H. Leggett & Co., W. B'way and Franklin street	Maple syrup, Premier	Sucrose, 63.95 per cent.; ash, 0.62 per cent.; sample is maple syrup.
30234	Austin, Nichols & Co., Hudson and Jay streets	Maple syrup	Sucrose, 60.45 per cent.; ash, 0.52 per cent.; sample is maple syrup.
30235	Austin, Nichols & Co. Hudson and Jay streets	Maple syrup, Sunbeam	Sucrose, 61.82 per cent.; ash, 0.49 per cent.; sample is maple syrup.
30246	R. C. Williams & Co., 60 Hudson street	Maple syrup, Royal Scarlet	Sucrose, 57.24 per cent.; ash, 0.55 per cent.; sample is maple syrup.
30247	R. C. Williams & Co., 60 Hudson street	Maple syrup, Monogram	Sucrose, 57.45 per cent.; ash, 0.60 per cent.; sample is maple syrup.
30282	Seeman Bros., 121 Hudson street	Maple sap syrup, White Rose	Total sucrose, 61.72 per cent.; ash, 0.56 per cent.; sample is maple syrup.
30283	Seeman Bros., 121 Hudson street	Maple syrup, Warfield	Total sucrose, 64.32 per cent.; ash, 0.24 per cent.; sample is maple sugar, approx., 25.74 per cent.; cane sugar, 38.58 per cent.
30340	Chas. Israel & Bros., 486 Canal street	Maple syrup, Vermont	Total sucrose, 57.58 per cent.; ash, 0.22 per cent.; maple sugar, approx., 21.11 per cent.; cane sugar, approx., 36.47 per cent.; glucose none.
30341	Chas. Israel & Bros., 486 Canal street	Maple and cane syrup	Total sucrose, 62.63 per cent.; maple sugar, approx., 40.71 per cent.; cane sugar, approx., 21.92 per cent.; glucose none.
28107	Gt. Atl. & Pac. Tea Co., 467 Second avenue	Fancy table syrup, A. & P. (comp.)	Cane sugar, 7.52 per cent.; glucose, 80.00 per cent.
29316	Department of Inspection, Richmond	Chocolate	Benzoic, salicylic acids, glucose and artificial coloring matter absent.
28101	Gt. Atl. & Pac. Tea Co., 467 Second avenue	Pure syrup, Gold Leaf	Direct reading, +60.8; invert reading, −18.4; ash, 0.11 per cent.
30233	Austin, Nichols & Co., Hudson and Jay streets	Syrup, Hudson	Total sucrose, 62.58 per cent.; maple sugar, approx., 3.13 per cent.; sugar, approx., 59.45 per cent.; ash, 0.03 per cent.
30162	T. F. McGourty, 917 Sixth avenue	Pancake syrup, Nabob	Sucrose, 71.67 per cent.; ash, 0.13 per cent.; a mixture of cane and maple sugar.
30214	F. H. Leggett, West Broadway and Franklin street	Pancake syrup, Nabob	Sucrose, 62.42 per cent.; ash, 0.09 per cent.; maple sugar, approx., 10.40 per cent.; cane sugar, approx., 52.02 per cent.
30252	Abr. Friedlander, 6 Suffolk street	Syrup, Orange	Reaction, very slightly acid; phosphoric, hydrochloric and sulphuric acids none; glucose and artificial color (coal tar) present.
30250	Jas. Butler, 1451 First avenue	Vermont syrup, Peerless	Sucrose, 59.70 per cent.; ash, 0.08 per cent.; maple sugar approx., 7.96 per cent.; cane sugar, approx., 51.74 per cent.
29319	Department of Inspection, Richmond	Pineapple flavor	Benzoic, salicylic, acids, glucose and artificial coloring matter (coal tar) none.

28541 A	Chief Clerk's office	Soap, Armour's	Moisture, 26.56 per cent.; free alkali none; total alkali, as Na_2O, 9.02 per cent.; fatty anhydrid, 65.10 per cent.
28541 B	Chief Clerk's office	Soap, Armour's	Moisture, 26.56 per cent.; free alkali, calculated to sodium hydrate, 12.80 per cent.
28728	Chief Clerk's office	Glycerine soap, Colgate's	Moisture, 7 per cent.; free alkali none; total alkali (Na_2O), 15.40 per cent.; fatty anhydrid, 76.69 per cent.
28729	Chief Clerk's office	Glycerine soap, Armour's	Moisture, 7.98 per cent.; free alkali none; total alkali (Na_2O), 11.41 per cent.; fatty anhydrid, 78.88 per cent.
30312	Department of Inspections	Soap, Fels Naptha	Did not cause blue color in child's mouth.
28051	Chief Clerk's office	Soap chips	Moisture, 27.16 per cent.; free alkali none; free alkali as sodium carbonate, 2.28 per cent.; free fatty acid, as stearic acid, 0.57 per cent.
28176	Dr. Wilson	Soap chips	Moisture, 35.84 per cent.; free alkali (hydroxides), 1.00 per cent.; free alkali, as sodium carbonate, 6.36 per cent.; free fatty acid, as stearic acid, none.
28714	Chief Clerk's office	Soap chips	Moisture, 29.08 per cent.; free alkali, 0.50 per cent.
30375	Israel Licht; stand, Pitt, near Delancey street	Sweet oil	Sample is cottonseed oil, colored with an artificial coloring matter.
29899	F. A. Lallemand Refg. Company, 658 West Thirty-ninth street	Refined edible tallow	Sample not rancid. Consists of a grease mixed with calcium soap; the greasy portion is a mixture of fats, one of which has a melting point between 25° and 30° C. and a volatile fatty acid number corresponding to butter. The other portion of fat is solid above 30° and corresponds to tallow; preservatives none.
29989	Chief Clerk's office	Turpentine	More than 90 per cent. distils between 156° and 160° C.; the optical rotation is +16 in a 100 m.m. tube; corresponds to American turpentine.
30016	Chief Clerk's office	Turpentine	About 20 per cent. distils between 50° and 100° C., the remainder between 100° and 150° C; the optical rotation is +44 in 100 m.m. tube; does not correspond to turpentine.
30335	Chief Clerk's office	Turpentine	About ⅔ distils between 70° C. and 156° C.; about ⅓ distils between 156° C. and 160° C.; it rotates in 200 m.m. tube +67; does not correspond to pure American turpentine; it seems to be a mixture.
29785	Willard Parker Hospital	Varnish	Pigment consist of oxide of iron and oxide of aluminum; linseed oil present.
29991	Chief Clerk's office	Inside spar varnish	Sample is equal to standard submitted.
30018	Chief Clerk's office	Floor varnish	Sample is equal to standard submitted.
30465	Chief Clerk's office	White Dammar varnish	Sample contains rosin.
30467	Chief Clerk's office	Hard oil finish	Sample contains rosin.
30468	Chief Clerk's office	Outside spar varnish	Sample contains rosin.
30469	Chief Clerk's office	Inside spar varnish	Sample contains rosin.
30470	Chief Clerk's office	Floor varnish	Sample contains rosin.
30471	Chief Clerk's office	Black varnish	Sample contains rosin.

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
28134	Jas. Butler, 514 Second avenue	Vanilla extract, Peerless	Coumarin, 0.153 per cent.; vanillin, 0.165 per cent.; acetanilid none; methyl alcohol none.
28214	A. Schwarz, 1543 Avenue A	Vanilla extract compound, Royal	Coumarin, 0.042 per cent.; vanillin, 0.018 per cent.; acetanilid none; methyl alcohol none.
28215	B. Hewistein, 1674 Third avenue	Vanilla extract, Hoople's	Coumarin, 0.074 per cent.; vanillin, 0.142 per cent.; acetanilid none.
28216	Aug. Shoemaker, 1593 First avenue	Vanilla extract, Puritan	Coumarin none; vanillin, 0.048 per cent.; acetanilid none.
28224	Grosspiesch, 2494 Eighth avenue	Vanilla compound, Princess Tonka	Coumarin, 0.096 per cent.; vanillin, 0.040 per cent.; acetanilid none; methyl alcohol none.
28225	F. C. Smith, 2491 Eighth avenue	Vanilla extract compound, Savoy	Coumarin, 0.174 per cent.; vanillin, 0.088 per cent.; acetanilid none; methyl alcohol none.
28227	J. W. McLean, 2441 Eighth avenue	Vanilla extract, Royal	Coumarin, 0.040 per cent.; vanillin, 0.100 per cent.; acetanilid none; methyl alcohol none.
28229	Harry M. Fatt, 2447 Eighth avenue	Vanilla extract compound, Star	Coumarin, 0.110 per cent.; vanillin, 0.116 per cent.; acetanilid none; methyl alcohol none.
28231	Danl. Reeves, 2652 Eighth avenue	Vanilla extract, Blue Ribbon	Coumarin, 0.068 per cent.; vanillin, 0.104 per cent.; acetanilid none; methyl alcohol none.
28233	John Rudd, 2622 Eighth avenue	Vanilla extract comp., Empire State	Coumarin, 0.074 per cent.; vanillin, 0.040 per cent.; acetanilid none; methyl alcohol none.
28234	Gristede Bros., Eighth avenue, corner One Hundred and Forty-second street	Vanilla extract compound, Bronx	Coumarin, 0.018 per cent.; vanillin, 0.018 per cent.; acetanilid none; methyl alcohol none.
28235	Gristede Bros., Eighth avenue, corner One Hundred and Forty-second street	Vanilla extract	Coumarin none; vanillin, 0.036 per cent.; acetanilid none; methyl alcohol none.
28237	Kerkman & Grotte, 2552 Eighth avenue	Vanilla extract compound, Manhattan	Coumarin, 0.014 per cent.; vanillin, 0.050 per cent.; acetanilid none; methyl alcohol none.
28238	Ragus Tea & Coffee Co., 2443 Eighth avenue	Vanilla extract, Ragus	Coumarin, 0.022 per cent.; vanillin, 0.040 per cent.; acetanilid none, methyl alcohol none.
28240	A. F. Beckman & Co., 2432 Eighth avenue	Vanilla extract, May Flower	Coumarin none; vanillin, 0.048 per cent.; acetanilid none.
28283	Andrew Davey, 350 Greenwich street	Vanilla extract, Atlas	Coumarin none; vanillin, 0.072 per cent.; acetanilid none; methyl alcohol none.
28314	Jacob Wang, 2010 First avenue	Vanilla extract, Knapp's	Coumarin, 0.092 per cent.; vanillin, 0.044 per cent.; acetanilid none; methyl alcohol none.
28315	Geo. H. Fuerst, 963 Second avenue	Vanilla extract, Royal	Coumarin, 0.078 per cent.; vanillin, 0.036 per cent.; acetanilid none; methyl alcohol none.
28316	S. B. Reynold, 441 Second avenue	Vanilla extract, Nabob	Coumarin none; vanillin, 0.024 per cent.; acetanilid none; methyl alcohol none.
28320	Bastine & Co., 19 Warren street	Vanilla extract, Bastine	Coumarin none; vanillin, 0.028 per cent.; acetanilid none; methyl alcohol none.
28534	Corrizo Ext. Co., 147 West Twenty-sixth street	Vanoleum compound	Coumarin, 1.53 per cent.; vanillin, 1.00 per cent.; acetanilid none; methyl alcohol none.
28535	San Gabriel Val. Fruit Prod. Co., 118 Hudson street	Vanilla bean (Tonka), Mexican	Coumarin, 0.03 per cent.; vanillin, 0.0325 per cent.

Flavoring Extracts, Syrups, Etc.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
28317	Salvator Ferraro, 1082 Second avenue	Extract banana	Methyl alcohol and artificial coloring matter (coal-tar dyes) none; artificially flavored.
28121	Great Atlantic and Pacific Tea Co., 774 Third avenue	Extract celery, A. & P.	Methyl alcohol none; artificial coloring matter (coal-tar dyes) present.
29180	Pushcart of Geo. Davidowitch, 79 Christy street	Cherry	Artificial color (coal tar), arsenic, alcohol, acids, sugar, cherry juice, artificial fruit esters, benzoic and salicylic acids absent.
27290	W. Burton, 75 Barclay street	Extract cinnamon, Burton's	Cinnamon oil present; methyl alcohol none.
27292	W. Burton, 75 Barclay street	Extract cloves, Burton's	Clove oil present; methyl alcohol none.
27183	Great Atlantic and Pacific Tea Co., 191 First avenue	Extract Jamaica ginger, A. & P.	Methyl alcohol, artificial coloring matter (coal-tar colors) and capsicum none.
27107	Peckovitch Bros., 879 Ninth avenue	Extract lemon, St. John	Lemon oil, artificial color (coal tar) and wood alcohol none.
28123	Great Atlantic and Pacific Tea Co., 774 Third avenue	Extract lemon, A. & P.	Lemon oil by polariscope, 0.65 per cent.; methyl alcohol and artificial color none.
28135	Jas. Butler, 514 Second avenue	Extract lemon, Peerless	Oil of lemon by polariscope none; methyl alcohol none; artificial color present.
28217	Thos. J. Healy, 1998 Second avenue	Compound lemon	Lemon oil and methyl alcohol none; artificial color (coal tar) trace.
28223	J. Grosspietsch, 2494 Eighth avenue	Extract lemon compound, Princess	Lemon oil by polariscope, 0.65 per cent.; methyl alcohol none; artificial color present.
28226	F. C. Smith, 2491 Eighth avenue	Extract lemon, Royal	Lemon oil and methyl alcohol none; artificial color (coal tar) present.
28228	J. W. McLean, 2441 Eighth avenue	Extract lemon, Royal	Lemon oil and methyl alcohol none; artificial color (coal tar) present.
28230	D. Reeves & Co., 2652 Eighth avenue	Extract lemon compound, Special	Lemon oil and methyl alcohol none; artificial color (coal tar) present.
28232	John Rudd, 2622 Eighth avenue	Extract lemon, Empire State	Methyl alcohol and lemon oil none; artificial color (coal tar) present.
28236	Kirkman, Grote, 2552 Eighth avenue	Extract lemon compound, St. John	Methyl alcohol and lemon oil none; artificial color (coal tar) present.
28239	Ragus Tea and Coffee Co., 2443 Eighth avenue	Extract lemon, Ragus	Lemon oil by polariscope, 1.59 per cent.; methyl alcohol and artificial color none.
28241	A. F. Beckman & Co., 2432 Eighth avenue	Extract lemon, Mayflower	Lemon oil by polariscope, 2.03 per cent.; methyl alcohol and artificial color none.
28284	Andrew Davey, 350 Greenwich street	Extract lemon	Lemon oil and methyl alcohol none; artificial color present.
28318	Andrew Davey, 596 Second avenue	Extract lemon, Continental	Lemon oil and methyl alcohol none; artificial color present.
28319	Bastine & Co., 19 Warren street	Extract lemon, Bastine	Lemon oil by polariscops, 6.97 per cent.; methyl alcohol and artificial color none.
28466	Macy & Co., Thirty-fourth street and Broadway	Lemon fruit syrup	Glucose and chlorides present; tartaric acid absent; colored with artificial coal-tar dye.

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
28597	H. Baron, 311 Broome street	Lemon flavor	Lemon oil by polariscope, 0.35 per cent.; alcohol by volume, 48.52 per cent.; colored with coal-tar dye.
28603	Walter Rocky, Eighth avenue and Thirty-fifth street	Essence of lemon	Lemon oil by polariscope, 6.60 per cent.; alcohol by weight, 75.24 per cent.; by volume, 80.39 per cent.; methyl alcohol none.
28624	Wm. Burton & Co., 75 Barclay street	Extract lemon, Burton's	Lemon oil trace; methyl alcohol and artificial color none.
29105	A. Berman, 1829 Madison avenue	Essence of lemon	Lemon oil by polariscope, 7.35 per cent.; alcohol by weight, 63.69 per cent.; by volume, 70.47 per cent.; sugar, artificial color, methyl alcohol and acid none.
29109	Kirkman, Grote, 2552 Eighth avenue	Lemon flavor compound, St. John	Lemon oil by polariscope none; alcohol by weight, 27.07 per cent.; by volume, 32.81 per cent.; methyl alcohol, acid and sugar, none.
29508	Cronin & Arachtinger, 105 Hudson street	Evaporated lemon	Mineral acids, sulphurous, phosphoric, benzoic, salicylic, boric acid none; formaldehyde absent; citric acid present.
29110	Danl. Reeves & Bro., 2652 Eighth avenue	Lemon flavor, White Pansy	Lemon oil by polariscope, 4.74 per cent.; alcohol by weight, 84.42 per cent.; by volume, 87.92 per cent.; methyl alcohol, acid and sugar none.
29558	Saml. Altman, West Fifth street near Surf avenue, Coney Island	Lemon syrup	Lemon oil, 0.8 per cent.; citric acid absent; colored with artificial color.
30318	Conron & Co., 265 West Broadway	Lemon flavor	Lemon oil by polariscope, 9.53 per cent.; alcohol by weight, 81.18 per cent.; by volume, 84.27 per cent.; sugar and methyl alcohol none.
29071	Wertheimer, 200 West Sixty-ninth street	Lemon juice, Wertheimer's	Sample contains 0.08 per cent. benzoic acid; citric acid and lemon juice present.
28468	Fourteenth Street Store, Fourteenth street and Sixth avenue	Lime juice, Blue Bell	Glucose, tartaric and mineral acids and heavy metals absent.
29494	Reid, Yeomans & Cubit, 140 Nassau street	Lime juice	Sample contains 0.0126 grams SO_2 in every 100 c.c.; artificial coloring matter (coal-tar dyes) absent.
29529	A. Parish & Co., Strattes Walk and Bowery.	Lemon flavor	Sulphurous, benzoic, boric, salicylic, citric, tartaric and mineral acids absent; lemon oil and artificial coloring matter absent; preserved with sugar.
29530	Earl Crates, Surf avenue near Eighth street, C. I.	Lemon flavor	Sulphurous, benzoic, boric, salicylic, citric, tartaric and mineral acids absent; lemon oil and artificial coloring matter absent; preserved with sugar.
29531	A. Stranpolis & Co., Surf avenue, between Eleventh and Twelfth streets, C. I.	Lemon flavor	Sulphurous, benzoic, boric, salicylic, citric, tartaric and mineral acids absent; lemon oil and artificial coloring matter absent; preserved with sugar.
29532	R. Vignoli, Hollander Music Hall, C. I.	Lemon flavor	Sulphurous, benzoic, boric, salicylic, citric, tartaric and mineral acid absent; lemon oil and artificial coloring matter absent; preserved with sugar.
29533	John Crotacks, Surf avenue and Thirteenth street, C. I.	Lemon flavor	Sulphurous, benzoic, boric, salicylic, citric, tartaric and mineral acids absent; lemon oil and artificial coloring matter absent; preserved with sugar.
29534	Anderson Reid, Surf avenue and Seventeenth street, C. I.	Lemon flavor	Sulphurous, benzoic, boric, salicylic, citric, tartaric and mineral acids absent; lemon oil and artificial coloring matter absent; preserved with sugar.

29535	Inter. City Adv. Co., Twelfth street and Surf ave, C. I.	Lemon flavor	Sulphurous, benzoic, boric, salicylic, citric, tartaric and mineral acids absent; lemon oil and artificial coloring matter absent; preserved with sugar.
29536	A. Kirschenbaum, Surf avenue and Ocean Walk, C. I.	Lemon flavor	Sulphurous, benzoic, boric, salicylic, citric, tartaric and mineral acids absent; lemon oil and artificial coloring matter absent; preserved with sugar.
29543	J. Wax, One Hundred and Ninety-seventh street and Ft. George avenue, C. I.	Lemon flavor	Sulphurous, benzoic, boric, salicylic, citric, tartaric and mineral acids absent; lemon oil and artificial coloring matter absent; preserved with sugar.
29447	Chas. J. Vogel & Co., 423 Atlantic avenue, Brooklyn	Lemon flavor	Boric, benzoic, salicylic, tartaric, phosphoric, free mineral acids and formaldehyde none; artificial coloring matter present.
29472	H. H. Lennox, 152 Columbus avenue	Lemon flavor, artificial	Boric, benzoic, salicylic, tartaric, phosphoric, free mineral acids and formaldehyde none, artificial coloring matter present.
29473	Aug. Reibstein, 48 Stuyvesant street	Lemon flavor	Boric, benzoic, salicylic, tartaric, phosphoric, free mineral acids, formaldehyde and artificial coloring matter absent.
28913	J. Greenberg, 53 Oliver street	Lemon fruit syrup	Lemon oil, glucose, citric and tartaric acids none; colored with coal-tar dye.
28467	Fourteenth Street Store, Fourteenth street and Sixth avenue	Lemon, Blue Bell	Glucose, artificial coloring matter. tartaric and mineral acids and heavy metals none.
29523	I. Braun, One Hudkred and Ninety-fourth street and Amsterdam avenue	Lemon syrup	Sample preserved with sugar; sulphurous, boric, benzoic, salicylic, citric and tartaric acid, mineral acids, formaldehyde and lemon oil absent; colored with coal-tar dye.
29549	Louis Heinberg, One Hundred and Ninety-first street and Amsterdam avenue	Lemon syrup	Sample preserved with sugar; sulphurous, boric, benzoic, salicylic, citric and tartaric acid, mineral acids, formaldehyde and lemon oil absent; colored with coal-tar dye.
29524	S. Carfolite, 196 Old George avenue	Lemon syrup	Sample preserved with sugar; sulphurous, benzoic, boric and salicylic acids and formaldehyde absent; citric and tartaric acids. mineral acids, lemon oil and artificial coloring matter absent.
29544	J. Yurdie, opposite Fort George avenue	Lemon syrup	Sample preserved with sugar; sulphurous, benzoic, boric and salicylic acids and formaldehyde absent; citric and tartaric acids, mineral acids, lemon oil and artificial coloring matter absent.
29550	I. P. Anasguoste, One Hundred and Ninety-sixth street and Fort George avenue	Lemon syrup	Sample preserved with sugar; sulphurous, benzoic, boric and salicylic acids and formaldehyde absent; citric and tartaric acids, mineral acids, lemon oil and artificial coloring matter absent.
29551	Theo. Brunelli, One Hundred and Ninety-second street and Amsterdam avenue	Lemon syrup	Sample preserved with sugar; sulphurous, benzoic, boric and salicylic ecids and formaldehyde absent; citric and tartaric acids, mineral acids, lemon oil and artificial coloring matter absent.
29554	A. Chambers, Surf avenue, C. I.	Lemon syrup	Sample preserved with sugar; sulphurous, benzoic, boric and salicylic acids and formaldehyde absent; citric and tartaric acids, mineral acids, lemon oil and artificial coloring matter absent.
29555	Geo. D. Smith, Surf avenue and Fifth street, C. I.	Lemon syrup	Sample preserved with sugar; sulphurous, benzoic, boric and salicylic acids and formaldehyde absent; citric and tartaric acids, mineral acids, lemon oil and artificial coloring matter absent.

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
29556	L. Cohen, Dreamland, C. I.	Lemon syrup	Sample preserved with sugar; sulphurous, benzoic, boric and salicylic acids and formaldehyde absent; citric and tartaric acids, mineral acids, lemon oil and artificial coloring matter absent.
29557	M. Goldstein, Surf avenue and Iron Pier Wharf, C. I.	Lemon syrup	Sample preserved with sugar; sulphurous, benzoic, boric and salicylic acids and formaldehyde absent; citric and tartaric acids, mineral acids, lemon oil and artificial coloring matter absent.
29733	Elias Laborwitz, 301 East Ninety-ninth street.	Lemon syrup	Artificial color, coal tar present; phosphoric and mineral acids none; cane sugar 41.8 per cent.
30253	Abr. Friedlander, 6 Suffolk street	Lemon fruit syrup	Reaction, very slightly acid; artificial color trace, glucose present; phosphoric, hydrochloric and sulphurous acids none.
28039	Jas. Butler, 394 Washington street	Molasses compound, Peerless	Direct reading in 200 mm. tube, [illegible] 37.2, invert reading, [illegible] 17.0 at 25° C.; ash, 4.14 per cent.; glucose none.
28074	Seeman Bros., N. Moore and Hudson streets.	Molasses compound, Bertha	Direct reading in 200 mm. tube, [illegible] 37.2, invert reading, [illegible] 14.4 at 20° C.; ash, 4.89 per cent.; glucose none.
28075	Seeman Bros., N. Moore and Hudson streets.	Molasses compound, Belmont	Direct reading in 200 mm. tube, [illegible] 33.6, invert reading, 18.8 at 20° C.; ash, 4.81 per cent.; glucose none.
28079	Seeman Bros., N. Moore and Hudson streets.	Molasses, canned, Magnolia	Direct reading in 200 mm. tube, [illegible] 44.2, invert reading, 44.0 at 25° C.; ash, 6.84 per cent.; glucose none.
28678	Riverside Hospital	Molasses, New Orleans	Water, 20.68 per cent.; total solids, 79.32 per cent., cane sugar, 38.00 per cent.; ash, 4.04 per cent.
27287	W. Burton, 75 Barclay street	Extract of nutmeg	Nutmeg oil present; methyl oil none.
28326	Bastine & Co., 19 Warren street	Extract of orange, Bastine	Orange oil by polariscope, 2.72 per cent.; artificial color present, wood alcohol none.
29104	A. Berman, 1829 Madison avenue	Essence of orange	Orange oil by polariscope, 4.32 per cent.; artificial color, methyl alcohol and acids none; alcohol, by weight, 79.04 per cent.; by volume, 83.35 per cent.
29179	Pushcart, Geo. Davidowitch, 79 Chrystie street	Orange	Artificial color, coal tar present; arsenic, alcohol, acids, sugar, orange juice, benzoic and salicylic acid, artificial fruit esters none.
28133	Jas. Butler, 514 Second avenue	Essence of peppermint, Peerless	Oil of peppermint present; methyl alcohol and artificial coloring none.
27291	W. Burton, 75 Barclay street	Extract of pineapple, Burton	Methyl oil none; artificial color, quantity too small to identify.
28119	Great Atlantic and Pacific Tea Co., 774 Third avenue	Extract of pineapple, A. & P.	Methyl alcohol none, colored with coal-tar dye; artificially flavored.
28322	Bastine & Co., 19 Warren street	Extract of pineapple, Bastine	Methyl alcohol none; artificial color present.
30317	Conron & Co., 265 W. Broadway	Pineapple flavor	Methyl alcohol none; artificial flavor present.
28321	Bastine & Co., 19 Warren street	Extract of pistachio, Bastine	Methyl alcohol none; artificial color, coal tar, present.

[illegible]	[illegible]	Raspberry flavor, Goodhart's	Methyl alcohol none; coal tar present; [illegible]
28323	Bastine & Co., 19 Warren street	Raspberry extract, Bastine	Methyl alcohol none; artificial color, coal tar, present.
28509	University Syrup Co., 284 Monroe street	Raspberry essential oil	Glucose and heavy metals absent; colored with coal-tar dye.
30320	Conron & Co., 265 W. Broadway	Raspberry flavor	Methyl alcohol none; artificial color trace; synthetic flavoring present.
28120	Great Atlantic and Pacific Tea Co., 774 Third avenue	Extract of rose, A. & P.	Methyl alcohol none; colored with coal-tar dye.
28325	Bastine & Co., 19 Warren street	Extract of red rose, Bastine	Methyl alcohol none; artificial color, coal tar, present.
27294	W. Burton, 75 Barclay street	Extract of strawberry, Burton's	Methyl alcohol none; artificial color, coal tar, present.
28182	Great Atlantic and Pacific Tea Co., 198 First avenue	Extract of strawberry, A. & P.	Methyl alcohol none; artificial color present, also artificial flavor present.
28324	Bastine & Co., 19 Warren street	Extract strawberry, Bastine	Methyl alcohol none; artificial color, coal tar, present.
28508	University Syrup Co., 284 Monroe street	Strawberry essential oil	Glucose and heavy metals absent; colored with coal-tar dye.
28598	H. Barron, 311 Broome street	Strawberry extract	Glucose and heavy metals absent; colored with coal-tar dye.
28611	Sanitas Mfg. Co., 1567 Park avenue	Strawberry extract	Glucose and heavy metals absent; colored with coal-tar dye.
27699	R. C. Williams & Co., 56 Hudson street	Maple syrup, Elite	Direct reading, +49.6; indirect reading, −12.0; ash, 0.54 per cent.
27710	Coeniz & Schuster, 380 Greenwich street	Maple sap syrup, Our Finest	Direct reading, +57.0; indirect reading, −17.2; ash, 0.63 per cent.
27731	Storeroom, Chemistry Laboratory	Maple syrup	Direct reading +57.6; indirect reading, −17.4; ash, 0.87 per cent.
27739	E. C. Hazard & Co., 119 Hudson street	Maple syrup, Vermont	Direct reading, +59.6; indirect reading, −19.0; ash, 0.71 per cent.
27775	Edw. Rafter, 630 Hudson street	Syrup, Park	Direct reading, +49.0; indirect reading, −16.4; ash, 0.12 per cent.; cane sugar present.
27817	Hewson & Fitzpatrick, 254 Greenwich street	Maple syrup, Vermont	Direct reading, +59.6; indirect reading, −18.4; ash, 0.26 per cent.; cane sugar present
27898	John S. Sills & Sons, Thirty-seventh street and Eleventh avenue	Maple and cane syrup. Empire	Direct reading, +54.2; indirect reading, −17.6; ash, 0.07 per cent.
27899	John S. Sills & Sons, Thirty-seventh street and Eleventh avenue	Maple syrup, Colonial	Direct reading, +52.1; indirect reading, −16.0; ash, 0.52 per cent.
27922	Clarke, Chapin & Bushnell, 177 Duane street.	Maple syrup, Gold and Crown	Direct reading, +58.4; indirect reading, −19.2; ash, 0.46 per cent.
27923	Clarke, Chapin & Bushnell, 177 Duane street.	Syrup, Famous	Direct reading, +61.5; indirect reading, −19.2; ash, 0.15 per cent.
27940	Allen Ditchett & Co., 305 Greenwich street	Maple syrup, Silver Seal	Direct reading, +66.7; indirect reading, −16.0; ash, 0.09 per cent.
27950	Burton & Davis, 198 Franklin street	Maple syrup, Golden Tree	Direct reading, +65.6; indirect reading, −19.2; ash, 0.08 per cent.
27951	Burton & Davis, 198 Franklin street	Maple syrup, White Label	Direct reading, +57.7; indirect reading, −19.2; ash, 0.58 per cent.
28049	Jas. Butler, 394 Washington street	Maple syrup, Peerless	Direct reading, +57.6; indirect reading, −16.8; ash, 0.06 per cent.

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
29798	Klinger Bros., 570 Second avenue	Meat (chopped)	Sulphites absent; borax absent; boric acid absent.
30175	Louis Fillenbaum, 196 Bridge street, Brooklyn.	Meat (chopped)	Sulphurous acid present.
30505	John E. DeAngelis, 42 Carmine street	Meat (chopped)	Sulphites present.
30560	Moses Selig, 387 Hudson street	Meat (chopped)	Sulphurous acid present.
30561	Moses Selig, 387 Hudson street	Meat (chopped)	Sulphurous acid present.
30585	Siegel-Cooper Co., Sixth avenue and Eighteenth street	Meat (chopped)	Sulphurous acid absent; borax absent.
30586	McCarthy Sons, 39 Sixth avenue	Meat (chopped)	Sulphurous acid present.
28151	Columbia Conserve Co., 287 West Broadway.	Mince meat, Columbia	Salicylic, benzoic, boric, sulphurous acids, saccharin and artificial color none.
30226	Libby, McNeill & Libby, 97 Hudson street	Mince meat, Libby's	Sodium benzoate, 0.096 per cent.; salicylic, boric acids, poisonous metals, artificial color (coal-tar) none.
30102	Mary Kunchenka, 14 Grove avenue, Richmond	Pig's foot	Free from ptomains.
30105	46 Maple avenue, Richmond	Pig's foot (cooked)	Free from ptomains.
30103	Mrs. Tokosch, 31 Grove avenue, Richmond	Fresh pork	Free from ptomains.
30104	Frank Latina, 19 Grove avenue, Richmond	Fresh pork	Free from ptomains.
28779	Gertrude Langer, 137 East Houston street	Sausages (frankfurt)	Borax and sulphites none, colored with coal-tar dye.
29951	Leopold Langer, 137 East Houston street	Sausages (frankfurt)	Sulphurous acid and boric acid absent.
30520	Department of Inspection	Sausages (cooked)	Free from ptomains.
30521	Chief Sanitary Inspector	Sausages, uncooked	Free fromp tomains.
28697	Riverside Hospital	Steak	Sulphites and borax none.
30223	Libby, McNeill & Libby, 97 Hudson street	Tamales, Mexican style	Artificial color (coal tar), salicylic acid, benzoic acid and boric acid none.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
28370	Sol. Rogow, 82 East One Hundred and Tenth street	Celery tonic	Methyl alcohol, glucose, heavy metals, artificial coloring matter none; sample has odor of celery seed.
28785	Melville Whispell, 18 Harlem Market	Cider	Benzoic acid present.
30040	Chas. Zaleznick, 1 Christy street	Cider	Benzoic acid, 0.034 per cent., equivalent to 0.040 per cent. benzoate of soda.
30041	Chas. Zaleznick, 48 Division street	Cider	Benzoic acid, 0.032 per cent., equivalent to 0.038 per cent. benzoate of soda.
30042	Benj. Wallach, 2 Forsyth street	Cider	Benzoic acid, 0.033 per cent., equivalent to 0.038 per cent. benzoate of soda.
30043	Abr. Sweet, 75 Christy street	Cider	Benzoic acid, 0.025 per cent., equivalent to 0.030 per cent. benzoate of soda.
30044	Isador Schloss, 138 Christy street	Cider	Benzoic acid, 0.037 per cent., equivalent to 0.044 per cent. benzoate of soda.
30045	Abr. Glassman, 123 Christy street	Cider	Benzoic acid, 0.031 per cent., equivalent to 0.037 per cent. benzoate of soda.
30046	Rubenstein, 71 Christy street	Cider	Benzoic acid, 0.046 per cent., equivalent to 0.054 per cent. benzoate of soda.
30047	Saml. Ordorf, 11 Christy street	Cider	Benzoic acid, 0.032 per cent., equivalent to 0.038 per cent. benzoate of soda.
30048	Isaac Davidson, 61 Forsyth street	Cider	Benzoic acid, 0.034 per cent., equivalent to 0.040 per cent. benzoate of soda.
30049	Saml. Poster, 40 Christy street	Cider	Benzoic acid, 0.029 per cent., equivalent to 0.034 per cent. benzoate of soda.
30199	Peter Schultz, Second avenue and Fifty-third street	Cider	Benzoic acid, 0.07 per cent., equivalent to 0.083 per cent. benzoate of soda.
30200	Wm. Telchow, 1037 Second avenue	Cider	Benzoic acid, 0.04 per cent., equivalent to 0.048 per cent. benzoate of soda.
30201	Diedrich Myer, 1029 Second avenue	Cider	Benzoic acid, 0.05 per cent., equivalent to 0.059 per cent. benzoate of soda.
30202	Jos. Rothfeld, 1051 Second avenue	Cider	Sample contains 0.04 per cent. salicylic acid, equivalent to 0.05 per cent. sodium salicylate.
29601	Coca Cola Bottling Works, 335 East Forty-sixth street	Coca Cola	Cocaine absent.
29602	Coca Cola Bottling Works, 297 Eighth avenue	Coca Cola syrup	Cocaine absent.
27964	New York Fruit Co., 232 East One Hundred and Eleventh street	Cream soda water	Salicylic, benzoic, boric acid, artificial coloring none; saccharin present.
28364	E. Kremer, 2059 Second avenue	Cream soda water	Glucose, artificial coloring matter and heavy metals absent.
28495	Petro Rotella, 234 East Eighty-fourth street.	Cream soda water	Glucose, artificial coloring matter and heavy metals absent.
27962	New York Fruit Co., 232 East One Hundred and Eleventh street	Ginger ale	Salicylic, benzoic, boric acids and artificial coloring none; saccharin present.

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
28134	Jas. Butler, 514 Second avenue	Vanilla extract, Peerless	Coumarin, 0.153 per cent.; vanillin, 0.165 per cent.; acetanilid none; methyl alcohol none.
28214	A. Schwarz, 1543 Avenue A	Vanilla extract compound, Royal	Coumarin, 0.042 per cent.; vanillin, 0.018 per cent.; acetanilid none; methyl alcohol none.
28215	B. Hewistein, 1674 Third avenue	Vanilla extract, Hoople's	Coumarin, 0.074 per cent.; vanillin, 0.142 per cent.; acetanilid none.
28216	Aug. Shoemaker, 1593 First avenue	Vanilla extract, Puritan	Coumarin none; vanillin, 0.048 per cent.; acetanilid none.
28224	Grosspiesch, 2494 Eighth avenue	Vanilla compound, Princess Tonka	Coumarin, 0.096 per cent.; vanillin, 0.040 per cent.; acetanilid none; methyl alcohol none.
28225	F. C. Smith, 2491 Eighth avenue	Vanilla extract compound, Savoy	Coumarin, 0.174 per cent.; vanillin, 0.088 per cent.; acetanilid none; methyl alcohol none.
28227	J. W. McLean, 2441 Eighth avenue	Vanilla extract, Royal	Coumarin, 0.040 per cent.; vanillin, 0.100 per cent.; acetanilid none; methyl alcohol none.
28229	Harry M. Fatt, 2447 Eighth avenue	Vanilla extract compound, Star	Coumarin, 0.110 per cent.; vanillin, 0.116 per cent.; acetanilid none; methyl alcohol none.
28231	Danl. Reeves, 2652 Eighth avenue	Vanilla extract, Blue Ribbon	Coumarin, 0.068 per cent.; vanillin, 0.104 per cent.; acetanilid none; methyl alcohol none.
28233	ohn Rudd, 2622 Eighth avenue	Vanilla extract comp., Empire State	Coumarin, 0.074 per cent.; vanillin, 0.040 per cent.; acetanilid none; methyl alcohol none.
28234	Gristede Bros., Eighth avenue, corner One Hundred and Forty-second street	Vanilla extract compound, Bronx	Coumarin, 0.018 per cent.; vanillin, 0.018 per cent.; acetanilid none; methyl alcohol none.
28235	Gristede Bros., Eighth avenue, corner One Hundred and Forty-second street	Vanilla extract	Coumarin none; vanillin, 0.036 per cent.; acetanilid none; methyl alcohol none.
28237	Kerkman & Grotte, 2552 Eighth avenue	Vanilla extract compound, Manhattan	Coumarin, 0.014 per cent.; vanillin, 0.050 per cent.; acetanilid none; methyl alcohol none.
28238	Ragus Tea & Coffee Co., 2443 Eighth avenue	Vanilla extract, Ragus	Coumarin, 0.022 per cent.; vanillin, 0.040 per cent.; acetanilid none, methyl alcohol none.
28240	A. F. Beckman & Co., 2432 Eighth avenue	Vanilla extract, May Flower	Coumarin none; vanillin, 0.048 per cent.; acetanilid none.
28283	Andrew Davey, 350 Greenwich street	Vanilla extract, Atlas	Coumarin none; vanillin, 0.072 per cent.; acetanilid none; methyl alcohol none.
28314	Jacob Wang, 2010 First avenue	Vanilla extract, Knapp's	Coumarin, 0.092 per cent.; vanillin, 0.044 per cent.; acetanilid none; methyl alcohol none.
28315	Geo. H. Fuerst, 963 Second avenue	Vanilla extract, Royal	Coumarin, 0.078 per cent.; vanillin, 0.036 per cent.; acetanilid none; methyl alcohol none.
28316	S. B. Reynold, 441 Second avenue	Vanilla extract, Nabob	Coumarin none; vanillin, 0.024 per cent.; acetanilid none; methyl alcohol none.
28320	Bastine & Co., 19 Warren street	Vanilla extract, Bastine	Coumarin none; vanillin, 0.028 per cent.; acetanilid none; methyl alcohol none.
28534	Corrizo Ext. Co., 147 West Twenty-sixth street	Vanoleum compound	Coumarin, 1.53 per cent.; vanillin, 1.00 per cent.; acetanilid none; methyl alcohol none.
28535	San Gabriel Val. Fruit Prod. Co., 118 Hudson street	Vanilla bean (Tonka), Mexican	Coumarin, 0.03 per cent.; vanillin, 0.0325 per cent.

28602	Walter S. Rocky, Eighth avenue and Thirty-fifth street	Vanilla extract	Coumarin, 0.022 per cent.; vanillin, 0.072 per cent.; acetanilid none.
28623	W. Burton & Co., 75 Barclay street	Vanilla extract, Burton	Coumarin none; vanillin, 0.12 per cent., acetanilid none; methyl alcohol none.
28625	Wm. Burton, 75 Barclay street	Vanilla substitute, Empire State	Coumarin, 0.076 per cent.; vanillin 0.054 per cent.; acetanalid none, methyl alcohol none.
29107	A. Berman, 1829 Madison avenue	Vanilla extract	Coumarin, 0.24 per cent.; vanillin, 0.55 per cent.; artificial color (coar tar) present; methyl alcohol none.
30316	Conron & Co., 265 West Broadway	Vanilla flavor comp	Coumarin, 0.16 per cent.; vanillin, 0.264 per cent.; artificia color (coal tar) none; artificial color (caramel) present.

Honeys, Jams, Jellies, Etc.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
28076	Chas. Israel & Bros., 486 Canal street	Honey, compound	Sample contains cane sugar and glucose.
28077	Chas. Israel & Bros., 486 Canal street	Honey, Pure Clover	Sample is honey.
28132	James Butler, 514 Second avenue	Honey, Peerless	Sample is honey.
28214	Louis Auerbach, 842 Broadway	Honey	Sample is honey.
30161	P. Divenberger, 1363 Third avenue	Honey, Orange Bloom	Sample is honey.
30163	D. Bengzers, 947 Sixth avenue	Honey, Pure Strained	Sample is honey.
30193	James Butler, 1143 Second avenue	Honey, Peerless	Sample is honey.
30184	Bloomingdale Bros., Fifty-ninth street and Third avenue	Honey, Golden Tree.	Sample is honey.
0321	J. C. Holsten, 238 East Fifty-sixth street	Honey	Sample is honey.
30342	Chas. Israel & Bros., 486 Canal street	Honey	Sample is honey.
30450	Adams & Co., Sixth avenue and Twenty-second street	Honey, Falcon	Sample is honey.
30461	J. W. Hamblet, 35 Vesey street	Honey, Red Cross	Sample is honey.
30493	J. White, 610 Ninth avenue	Honey	Sample is honey.
28098	Great Atlantic and Pacific Tea Co., 467 Second avenue	Jam, A. & P	Cane sugar, 22.6 per cent.; glucose, 27.7 per cent.; benzoate of soda, 0.09 per cent.; artificial color (coal tar) none.

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
28099	Great Atlantic and Pacific Tea Co., 467 Second avenue	Jam, A. & P	Cane sugar, 13.9 per cent.; glucose, 20.9 per cent.; benzoate of soda, 0.10 per cent.; artificial color (coal tar) none.
28100	Great Atlantic and Pacific Tea Co., 497 Second avenue	Jam, A. & P	Cane sugar, 17.20 per cent.; glucose, 19.30 per cent.; benzoate of soda, 0.13 per cent.; artificial color (coal tar) none.
28108	Great Atlantic and Pacific Tea Co., 467 Second avenue	Jam, A. & P	Cane sugar, 18.6 per cent.; glucose, 20.6 per cent.; benzoate of soda, 0.11 per cent.. artificial color (coal tar) none.
28208	James Butler, 340 First avenue	Jam, Liberty	Benzoate and artificial color present, saccharin and boric acid none.
18209	James Butler, 340 First avenue	Jam, Liberty	Benzoate and artificial color present, saccharin and boric acid none.
28210	James Butler, 340 First avenue	Jam, Blue Ribbon	Salicylic, benzoic and boric acid none; saccharin none; artificial color none.
28211	James Butler, 340 First avenue	Jam, Blue Ribbon	Salicylic, benzoic and boric acid none; saccharin none; artificial color none.
28580	Chief Clerk's office	Jam, Fountain	Salicylic, benzoic and boric acid none, cane sugar, 17.8 per cent.; artificial color none, glucose none.
28604	James Butler, 340 First avenue	Jam, Blue Ribbon	Salicylic, benzoic and boric acid none, saccharin none, artificial color none, sulphites none.
30249	R. C. Williams & Co., 60 Hudson street	Jam, Serial	Salicylic, benzoic none, glucose, 22.09 per cent.; cane sugar, 25.95 per cent.; artificial color none.
27985	Crandall & Godley, 157 Franklin street	Creamallo, Perfecto	Calcium sucrate and starch present.
28138	James Butler, 514 Second avenue	Jelly Powder, Blue Ribbon	Sulphites present, coal-tar dyes none.
28181	Great Atlantic and Pacific Tea Co., 198 First avenue	Jelly Powder, A. & P	Sulphites present, colored with a coal-tar dye.
28288	Andrew Davey, 350 Greenwich street	Jelly Powder, Atlas	Sulphites present, coal-tar dyes none.
28579	Chief Clerk's office	Jelly, Fountain	Salicylic, benzoic, boric acid, glucose, artificial color none, cane sugar, 30.7 per cent.
28760	Chief Clerk's office	Jelly, Sunbeam	Sample is pure jelly.
28837	Christiansen & Nickelsen, 255 Third avenue	Jellycon, Burnham's	Sulphurous acid present, probably due to gelatin used.
28838	Christiansen & Nickelsen, 255 Third avenue	Jell-O-Cherry	Sulphurous acid present, probably due to gelatin used.
28839	Fredk. Korte, 115 Third avenue	Bromangelon	Sulphurous acid present, probably due to gelatin used.
28869	Chief Clerk's office	Jelly, Premier	Glucose and artificial color (coal tar) absent, benzoic acid present.
28870	Chief Clerk's office	Jelly, Premier	Glucose and artificial color (coal tar) absent, sodium benzoate present.
28871	Chief Clerk's office	Jelly, Premier	Glucose and artificial color (coal tar) absent, sodium benzoate present.
28872	Chief Clerk's office	Jelly, Sunbeam	Glucose and artificial color (coal tar) absent, benzoic and salicylic acid absent.

[illegible]	[illegible]	[illegible]	[illegible] salicylic acid absent.
28874	Chief Clerk's office	Jelly, Sunbeam	Glucose and artificial color (coal tar) absent, benzoic and salicylic acid absent.
29256	Chief Clerk's office	Jelly	Cane sugar, 31.01 per cent.; saccharin, artificial color (coal tar none, benzoic acid present.
29287	Chief Clerk's office	Jelly, Sunbeam	Cane sugar 29.75 per cent.; saccharin, artificial color (coal tar none, benzoic acid none.
30220	Libby, McNeill & Libby, 97 Hudson street	Jelly, Libby's	Artificial color (coal tar) glucose, salicylic, benzoic and boric acids none.
30248	R. C. Williams & Co., 60 Hudson street	Jelly, Royal Scarlet	Artificial color (coal tar) glucose, salicylic, benzoic and boric acids none, cane sugar, 34.35 per cent.
28154	Columbia Conserve Co., 247 West Broadway.	Apple butter, Columbia	Cane sugar, 11.4 per cent.; glucose and artificial coloring matter none; salicylic, benzoic and boric acids absent.
28498	Willard Parker Hospital	Apple butter	Benzoic and salicylic acids, glucose and artificial color (coal tar) none.

Creams and Milks, Special.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
28124	Dr. Hermann Biggs	Cream, Walker-Gordon	Sugar, 4.8 per cent.; fat, 14.8 per cent.
28553	Mrs. Lockwood, 441 Park avenue	Cream	Fat, 38.40 per cent.; starch, gelatine, formaldehyde, borax none; refractive index corresponds to butter fat.
28584	Carl Kahler, 80 West Fortieth street	Cream	Fat, 48.00 per cent.; odor, reaction, gelatine, starch negative; refraction index of fat 1.4525 per cent. at 42° C.
28274	Chief Sanitary Inspector	Milk	Free from artificial coloring matter.
28497	Mr. Raynor, Chief Sanitary Inspector	Milk	Sediment appears to be mineral dust.
28499	Sanitary Superintendent	Milk	Reaction normal, formaldehyde and borax none, physiological results negative.
28516	Sanitary Superintendent	Milk	Lact. 110; fat, 4.20 per cent.; solids, 12.83 per cent.; formaldehyde and borax none; sample reacts for raw milk; physiological resuits negative.
28775	N. Y. Diet Kitchen, 26 Barrow street	Milk	Fat, 3.60 per cent.
29161	Department of Inspections	Milk	Test not conclusive.
29162	Department of Inspection	Milk	Tests not conclusive.
29163	Department of Inspection	Milk	Tests not conclusive.
29443	F. B. Lewis, 194 Bowery	Human milk	Specific gravity, 1.0335 per cent.; fat, 3.43 per cent., solids, 12.32 per cent.; milk sugar, 6.40 per cent.

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
29638	Dr. Baldwin	Milk (mother's)	Fat, 4.79 per cent.; solids, 13.66 per cent; milk sugar, 5.99 per cent.
29639	Department of Inspection	Milk	Mineral acids and poisonous metals none.
29736	Dr. Wilson	Milk (Willow Brook Dairy)	Formaldehyde and borax none.
29816	Department of Inspection	Sour milk (D. Fricke, Brooklyn	Sample contains no acetic, hydrochloric, sulphuric or phosphoric acids.
29924	Louis Rosenberg, 224 E. One Hundred and Nineteenth street	Milk	Sample contains no carbolic acid.
29190	Department of Inspection	Milk bottle papers	Formaldehyde, borax, benzoic acid and salicylic acid none.
30494	Chief Sanitary Inspector	Buttermilk	Hydrochloric, sulphuric, nitric, acetic, tartaric, phosphoric, oxalic, citric and boric acids none.

Meats, Canned, Preserved, Etc.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
30225	Libby, McNeill & Libby, 97 Hudson street	Baked pork and beans, Libby's	Poisonous metals, boric acid and sulphites none.
29905	Chief Clerk's office	Beef extract, Armour's	Moisture, 17.36 per cent.; total solids, 82.64 per cent.; ash (total), 19.73 per cent.; ash (insol. in water), 0.82 per cent.; ash (insol. in hydrochloric acid), 0.07 per cent.; petroleum ether ext., 2.93 per cent.; total nitrogen, 7.39 per cent.; reducing sugars none.
29930	Chief Clerk's office	Beef extract, Liebig's	Moisture, 16.53 per cent.; total solids, 83.47 per cent.; total ash, 18.59 per cent.; ash (insol. in water), 0.31 per cent.; ash (insol. in hydrochloric acid), 0.07 per cent.; petroleum ether ext., 3.31 per cent.; total nitrogen, 9.05 per cent.; reducing sugars none.
30222	Libby, McNeill & Libby, 97 Hudson street	Beef extract, Libby's	Total solids, 85.82 per cent.; moisture, 14.18 per cent.; petroleum ether ext., 0.61 per cent.; total nitrogen, 7.91 per cent.; total ash, 22.65 per cent.; ash (sodium chloride), 8.17 per cent.; ash (insol. in water), 1.79 per cent.; reducing sugars none.
29950	Abr. Horowitz, 18-20 First avenue	Beef (chopped)	Sulphurous acid present; boric acid absent.
28899	Eberhard Pantle, 1825 Second avenue	Bologna	Boric, sulphurous acids and artificial color (coal-tar dyes) none.
29296	Oscar Pache, 1744 Second avenue	Bologna	Boric, sulphurous acids and artificial color (coal-tar dyes) none.

29297	Oscar Pache, 1744 Second avenue	Bologna	Boric, sulphurous acids and artificial color (coal-tar dyes) none
29298	Oscar Pache, 1744 Second avenue	Bologna	Boric, sulphurous acids and artificial color (coal-tar dyes) none.
29299	Oscar Pache, 1744 Second avenue	Bologna	Boric, sulphurous acids and artificial color (coal-tar dyes) none.
29469	Eberhard Pantle, 1825 Second avenue	Bologna	Boric, sulphurous acids and artificial color (coal-tar dyes) none.
29051	Commissioner's office	Caviar	Boric, salicylic, benzoic acids and sulphites none; 2.26 per cent. sodium chloride.
28696	Riverside Hospital	Chicken	Sulphites and borax none.
30221	Libby, McNeill & Libby, 97 Hudson street	Corned beef (cooked)	Poisonous metals, boric acid and sulphites none.
28698	Riverside Hospital	Corned beef	Sulphites and borax none.
30224	Libby, McNeill & Libby, 97 Hudson street	Ham (potted), Libby's	Poisonous metals, boric acid and sulphites none.
28190	Herman Brocker, 1701 Second avenue	Meat (chopped)	Sulphurous acid present.
28191	Max J. Brennwasser, 1616 Second avenue	Meat (chopped)	Sulphurous acid present.
28192	Max J. Brennwasser, 1616 Second avenue	Meat (chopped)	Sulphurous acid present.
28307	Adolph Tutschkin, 1583 Third avenue	Meat (chopped)	Sulphurous acid present.
28308	Jos. Woehl, 1793 Third avenue	Meat (chopped)	Sulphurous acid present.
28309	Herman Stein, 1691 Third avenue	Meat (chopped)	Sulphurous acid present.
28310	Jacob Kallmann, 1484 Third avenue	Meat (chopped)	Sulphurous acid present.
28311	David Steigerwald, 1572 Third avenue	Meat (chopped)	Sulphurous acid absent; boracic acid absent.
28560	Jos. Soloman, 1624 Madison avenue	Meat (chopped)	Sulphurous acid present.
28561	Louis Marko, 1514 Madison avenue	Meat (chopped)	Sulphurous acid present.
28562	Jacob Hersteins, 1559 Madison avenue	Meat (chopped)	Sulphurous acid present.
28563	Barney Blodowsky, 1592 Madison avenue	Meat (chopped)	Sulphurous acid present.
28564	Julius Coopfersmith, 90 E. One Hundred and Tenth street	Meat (chopped)	Sulphurous acid present.
28565	Louis Rappaport, 53 E. One Hundred and Ninth street	Meat (chopped)	Sulphurous acid present.
29470	Edw. Schuster 1732 Lexington avenue	Meat chopped)	Sulphurous acid present.
29471	Isador Abramovitz, 26 E. One Hundred and Thirteenth street	Meat (chopped)	Sulphurous acid present.
29571	Albert F Woermer, 1065 Avenue A	Meat (chopped)	Sulphites present.

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
29798	Klinger Bros., 570 Second avenue	Meat (chopped)	Sulphites absent; borax absent; boric acid absent.
30175	Louis Fillenbaum, 196 Bridge street, Brooklyn.	Meat (chopped)	Sulphurous acid present.
30505	John E. DeAngelis, 42 Carmine street	Meat (chopped)	Sulphites present.
30560	Moses Selig, 387 Hudson street	Meat (chopped)	Sulphurous acid present.
30561	Moses Selig, 387 Hudson street	Meat (chopped)	Sulphurous acid present.
30585	Siegel-Cooper Co., Sixth avenue and Eighteenth street	Meat (chopped)	Sulphurous acid absent; borax absent.
30586	McCarthy Sons, 39 Sixth avenue	Meat (chopped)	Sulphurous acid present.
28151	Columbia Conserve Co., 287 West Broadway.	Mince meat, Columbia	Salicylic, benzoic, boric, sulphurous acids, saccharin and artificial color none.
30226	Libby, McNeill & Libby, 97 Hudson street	Mince meat, Libby's	Sodium benzoate, 0.096 per cent.; salicylic, boric acids, poisonous metals, artificial color (coal-tar) none.
30102	Mary Kunchenka, 14 Grove avenue, Richmond	Pig's foot	Free from ptomains.
30105	46 Maple avenue, Richmond	Pig's foot (cooked)	Free from ptomains.
30103	Mrs. Tokosch, 31 Grove avenue, Richmond	Fresh pork	Free from ptomains.
30104	Frank Latina, 19 Grove avenue, Richmond	Fresh pork	Free from ptomains.
28779	Gertrude Langer, 137 East Houston street	Sausages (frankfurt)	Borax and sulphites none, colored with coal-tar dye.
29951	Leopold Langer, 137 East Houston street	Sausages (frankfurt)	Sulphurous acid and boric acid absent.
30520	Department of Inspection	Sausages (cooked)	Free from ptomains.
30521	Chief Sanitary Inspector	Sausages, uncooked	Free fromp tomains.
28697	Riverside Hospital	Steak	Sulphites and borax none.
30223	Libby, McNeill & Libby, 97 Hudson street	Tamales, Mexican style	Artificial color (coal tar), salicylic acid, benzoic acid and boric acid none.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
28370	Sol. Rogow, 82 East One Hundred and Tenth street	Celery tonic	Methyl alcohol, glucose, heavy metals, artificial coloring matter none; sample has odor of celery seed.
28785	Melville Whispell, 18 Harlem Market	Cider	Benzoic acid present.
30040	Chas. Zaleznick, 1 Christy street	Cider	Benzoic acid, 0.034 per cent., equivalent to 0.040 per cent. benzoate of soda.
30041	Chas. Zaleznick, 48 Division street	Cider	Benzoic acid, 0.032 per cent., equivalent to 0.038 per cent. benzoate of soda.
30042	Benj. Wallach, 2 Forsyth street	Cider	Benzoic acid, 0.033 per cent., equivalent to 0.038 per cent. benzoate of soda.
30043	Abr. Sweet, 75 Christy street	Cider	Benzoic acid, 0.025 per cent., equivalent to 0.030 per cent. benzoate of soda.
30044	Isador Schloss, 138 Christy street	Cider	Benzoic acid, 0.037 per cent., equivalent to 0.044 per cent. benzoate of soda.
30045	Abr. Glassman, 123 Christy street	Cider	Benzoic acid, 0.031 per cent., equivalent to 0.037 per cent. benzoate of soda.
30046	Rubenstein, 71 Christy street	Cider	Benzoic acid, 0.046 per cent., equivalent to 0.054 per cent. benzoate of soda.
30047	Saml. Ordorf, 11 Christy street	Cider	Benzoic acid, 0.032 per cent., equivalent to 0.038 per cent. benzoate of soda.
30048	Isaac Davidson, 61 Forsyth street	Cider	Benzoic acid, 0.034 per cent., equivalent to 0.040 per cent. benzoate of soda.
30049	Saml. Poster, 40 Christy street	Cider	Benzoic acid, 0.029 per cent., equivalent to 0.034 per cent. benzoate of soda.
30199	Peter Schultz, Second avenue and Fifty-third street	Cider	Benzoic acid, 0.07 per cent., equivalent to 0.083 per cent. benzoate of soda.
30200	Wm. Telchow, 1037 Second avenue	Cider	Benzoic acid, 0.04 per cent., equivalent to 0.048 per cent. benzoate of soda.
30201	Diedrich Myer, 1029 Second avenue	Cider	Benzoic acid, 0.05 per cent., equivalent to 0.059 per cent. benzoate of soda.
30202	Jos. Rothfeld, 1051 Second avenue	Cider	Sample contains 0.04 per cent. salicylic acid, equivalent to 0.05 per cent. sodium salicylate.
29601	Coca Cola Bottling Works, 335 East Forty-sixth street	Coca Cola	Cocaine absent.
29602	Coca Cola Bottling Works, 297 Eighth avenue	Coca Cola syrup	Cocaine absent.
27964	New York Fruit Co., 232 East One Hundred and Eleventh street	Cream soda water	Salicylic, benzoic, boric acid, artificial coloring none; saccharin present.
28364	E. Kremer, 2059 Second avenue	Cream soda water	Glucose, artificial coloring matter and heavy metals absent.
28495	Petro Rotella, 234 East Eighty-fourth street	Cream soda water	Glucose, artificial coloring matter and heavy metals absent.
27962	New York Fruit Co., 232 East One Hundred and Eleventh street	Ginger ale	Salicylic, benzoic, boric acids and artificial coloring none; saccharin present.

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
28367	Louis Sollender, 1973 Second avenue	Ginger ale	Glucose, artificial coloring matter and heavy metals absent.
28492	David Horowitz, 1631 Madison avenue	Ginger ale	Glucose, artificial coloring matter and heavy metals absent.
29604	Herman & Heim, South Beach, S. I.	Ginger ale	Benzoic, salicylic acids, saccharin, artificial coloring, sulphites, formaldehyde, beta-naphthol absent; ginger present.
30108	Fourteenth Street Store, Fourteenth street and Sixth avenue	Grape juice	Salicylic, benzoic, sulphurous, boric acids and artificial color none.
30197	Bloomingdale Bros., Fifty-ninth street and Third avenue	Grape juice, Vineland	Salicylic, benzoic, sulphurous, boric acids and artificial color none.
30198	James Butler, 1143 Second avenue	Grape juice, Essie	Salicylic, benzoic, sulphurous, boric acids and artificial color none.
27965	New York Fruit Co., 232 East One Hundred and Eleventh street	Lemon soda water	Salicylic, benzoic, boric acids and artificial color none; saccharin present.
28369	Wm. Davis, 110 East One Hundred and Ninth street	Lemon soda water	Glucose, heavy metals, tartaric and mineral acids none.
28463	Sebastiano Lipari, 422 East Thirteenth street.	Lemon soda water	Glucose, heavy metals and mineral acids absent; tartaric acid present.
28464	Guiseppe Bernara, 338 East Twelfth street	Lemon soda water	Glucose, heavy metals, tartaric and mineral acids absent.
28465	John C. Beckman, 251 Avenue B	Lemon soda water	Glucose, heavy metals, tartaric and mineral acids absent.
28475	Jas. Butler, Second avenue and Sixtieth street	Lemon soda water	Salicylic, benzoic, boric acids and artificial color none; saccharin present.
28489	Louis Goldsmith, 1998 Third avenue	Lemon soda water	Glucose, heavy metals, tartaric and mineral acids none.
28493	David Horowitz, 1631 Madison avenue	Lemon soda water	Glucose, heavy metals, tartaric and mineral acids none.
28494	Pietro Rotella, 234 East Eighty-fourth street.	Lemon soda water	Glucose, heavy metals, and mineral acids absent; tartaric acid present.
29606	Herman & Hein, South Beach, S. I.	Lemon soda water	Salicylic, benzoic, boric acids and artificial color none; saccharin present.
29584	Margaret Kennedy, Iron Pier Walk, Coney Island	Lemonade	Benzoic, salicylic, boric, sulphurous, tartaric and mineral acids none; citric acid present, coal-tar color absent, formaldehyde none.
29585	Rosie Yassinger, Surf avenue, near Fourteenth street, Coney Island	Lemonade	Same result as 29584.
29586	Israel Avrick, Surf avenue, near Thirteenth Coney Island	Lemonade	Benzoic, salicylic, boric, sulphurous, mineral acids, tartaric acid and formaldehyde none; colored with coal-tar dyes; citric acid present.
29587	Jake Katzinsky, Surf avenue and Fifteenth street, Coney Island	Lemonade	Same result as 29586.
29588	Lear Meizon, Seaside walk and Surf walk, Coney Island	Lemonade	Same result as 29586.
29589	Elias Leavitt, Jones walk, near Surf avenue, Coney Island	Lemonade	Benzoic, salicylic, boric, sulphurous, mineral and tartaric acids and formaldehyde absent; citric acid present; coal-tar dyes absent.
29590	Max Dickman, Jones walk, Coney Island	Lemonade	Benzoic, salicylic, boric, sulphurous, tartaric and mineral acids none; colored with coal-tar dye; citric acid present.

29592	Rich. Quigg, Fifth street and Beach, Coney Island	Lemonade	Benzoic, salicylic, boric, sulphurous, tartaric and mineral acids and formaldehyde absent; citric acid present; colored with a coal-tar dye.
29593	Felstein & Newman, West Tenth street, Coney Island	Lemonade	Benzoic, salicylic, boric, sulphurous, tartaric and mineral acids and formaldehyde and coal-tar dyes absent; citric acid present; phosphoric acid trace.
28366	Louis Sollender, 1973 Second avenue	Orange phosphate	Glucose and heavy metals absent; colored with a coal-tar dye.
28462	John Kroog, 647 East Sixteenth street	Orange phosphate	Glucose and heavy metals absent; colored with a coal-tar dye.
27963	New York Fruit Co., 232 East One Hundred and Eleventh street	Sarsaparilla	Salicylic, benzoic and boric acids and artificial color none; saccharin present.
28363	E. Kremer, 2059 Second avenue	Sarsaparilla	Glucose, artificial coloring matter and heavy metals absent.
28368	Wm. Davis, 110 East One Hundred and Ninth street	Sarsaparilla	Glucose, artifical coloring matter and heavy metals none.
28490	Louis Goldsmith, 1998 Third avenue	Sarsaparilla	Glucose, tartaric and mineral acids and heavy metals none.
28496	Pietro Rotella, 234 East Eighty-fourth street.	Sarsaparilla	Glucose, artifical coloring matter and heavy metals none.
29605	Herman & Heim, South Beach, S. I.	Sarsaparilla, Louis Birkle	Artifical color, benzoic and salicylic acids, sulphites, formaldehyde, beta naphthol and saccharin none; sassafras present.
29734	Elias Laborwitz, 301 East Ninety-ninth street	Strawberry soda water	Artifical flavor and artifical color present; mineral acids and phosphoric acid none.
28365	E. Kremer, 2059 Second avenue	Strawberry soda water	Glucose and heavy metals absent; sample colored with coal-tar dye.
28491	Louis Goldsmith, 1998 Third avenue	Strawberry soda water	Glucose and heavy metals absent; sample colored with coal-tar dye.
29089	Dr. Wilson	Vichy, Lighte & Bro	Hydrogen sulphide absent; total solids 552 parts in 100,000.

Soups Canned.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
28152	Columbia Conserve Co., 247 West Broadway.	Tomato soup, Red Letter	Salicylic, benzoic, boric acids and artifical color none; traces of iron.
30332	Columbia Conserve Co., 247 West Broadway.	Tomato soup, Columbia	Salicylic, benzoic, boric acids, and artifical color, poisonous metals and sulphites none.

TABLE 78—(*Continued*).

Spices.

Anaylsis Number.	From Whom Received.	Sample and Brand.	Total Ash, Per Cent.	Ash Water Soluble Per Cent.	Ash Insol. HCl Per Cent.	Volatile Ether Ext. Per Cent.	Non-Volatile Ether Ext. Per Cent.	Crude Fibre. Per Cent.	Moisture, Per Cent.	Ether Ext. Per Cent.
27983	Crandall & Godley, 157 Franklin street	Cassia	3.50	1.72	0.96	2.34	3.70	22.32	7.48	....
27998	Wood & Selick, Hudson and Duane streets	Cassia	3.80	....	....	2.27	1.53	....	3.95	3.80
28178	Great Atlantic and Pacific Tea Company, 198 First avenue	Cinnamon, Sultana	3.13	1.89	0.74	5.11	1.51	19.37	6.00	....
27982	Crandall & Godley, 157 Franklin street	Mace	1.67	1.16	0.10	4.21	59.24	3.37	1.00	....
27997	Wood & Selick, Hudson and Duane streets	Mace	3.50	....	....	8.90	24.50	....	4.80	33.40
28104	Great Atlantic and Pacific Tea Company, 467 Second avenue	Mace	2.54	1.13	0.08	7.51	23.01	3.10	11.01	....
28131	James Butler, 514 Second avenue	Mace	2.44	....	....	6.35	25.72	....	3.64	32.07
27738	Mrs. K. Vida, 412 East Seventy-fourth street	Paprica (compound)	4.90	....	....	1.61	Turmeric present.	....	6.30	6.30
28218	James Butler, 412 Second avenue	Paprica (compound)	7.28	....	....	1.63	18.25	Turmeric none.	2.82	19.88
30207	F. H. Leggett & Co., West Broadway and Franklin street	Paprica (compound), Premier	5.90	Turmeric none.	....	Artificial coloring matter absent.		....	....	15.63
28117	Great Atlantic and Pacific Tea Company, 774 Third avenue	Pepper, Sultana	5.28	....	....	0.85	8.53	....	6.52	9.38
28129	James Butler, 514 Second avenue	Pepper, Peerless	6.24	....	....	0.68	5.04	....	7.02	5.72
28213	James Butler, 340 First avenue	Pepper, Peerless	6.28	....	....	0.32	5.95	....	6.57	6.27
28792	Chief Clerk's office	Pepper	5.92	....	....	1.22	6.44	....	7.70	7.66
28900	Chief Clerk's office	Pepper	1.04	....	....	1.24	6.82	....	12.80	8.06
28730	Chief Sanitary Inspector	Pepper	Microscopical examination failed to show any adulterants.							

Teas, Coffees, Cocoas, Etc., Vegetables Canned, Dried, Etc.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
28137	James Butler, 514 Second avenue	Cocoa, Peerless	Total ash, 5.12 per cent.; soluble in water ash, 1.91 per cent.; insoluble in HCl ash, 0.20 per cent.; fat, 25.53 per cent.; crude fibre, 1.68 per cent.
28543	Henry Burdewick, 1539 Third avenue	Dutch cocoa, Bensdorp's	Moisture, 2.31 per cent.; ash, 9.92 per cent.; ether extract, 32.22 per cent.; cocoa shells none.
28683	Runkel Bros., West Thirtieth street	Cocoa, Runkel's	Cocoa shells, none.
28684	Runkel Bros., West Thirtieth street	Cocoa, Runkel's	Cocoa shells none.
28914	Plasmon Cocoa Co., 59 Pearl street	Cocoa, Plasmon	Cocoa shells none; moisture, 3.66 per cent.; ash, 11.92 per cent.; ether extract, 11.67 per cent.
30251	James Butler, 1451 Third avenue	Cocoa, Peerless	Cocoa shells none; moisture, 3.80 per cent.; ash, 5.81 per cent.; ether extract, 18.39 per cent.; alkalinity of ash, 2.30 per cent.
29409	Commissioner's office	Coffee (ground)	Moisture, 3.06 per cent.; fat, 9.38 per cent.; caffeine, 1.27 per cent.; ash, 4.83 per cent.; chicory and caramel none.
28052	L. J. Callanan, 43 Vesey street	Coffee (ground)	Moisture, 2.5 per cent.; fat, 11.5 per cent.; caffeine, 1.3 per cent.; ash, 3.77 per cent.; ash soluble in water, 2.805 per cent; ash insoluble in HCl none.
29381	Chief Clerk's office	Coffee	Equal to standard submitted.
29411	Chief Clerk's office	Coffee	Equal to standard submitted.
28527	Rose Bernfeld, 508 East Twelfth street	Russian tea	Heavy metals absent.
28061	C. F. Gennerich Co., 49 Harrison street	Beans (stringless), Enterprise	Salicylic, benzoic, boric acids or borates aud saccharin none.
28148	Columbia Conserve Co., 247 West Broadway.	Beans (baked), Columbia	Salicylic, benzoic, sulphurous acids, boric acid, saccharin, metals and artifical coloring matter none.
29050	Chief Clerk's office	Beans (stringless), Hamburg	Copper, nickel and zinc salts absent.
28059	C. F. Gennerich & Co., 49 Harrison street	Peas (canned), Enterprise	Salicylic, benzoic, boric acid or borates and saccharin absent.
28063	C. F. Gennerich & Co., 49 Harrison street	Peas (canned), Enterprise	Salicylic, benzoic, boric acid or borates and saccharin absent.
28146	James Butler, 1451 Third avenue	Peas (canned), Ormond Castle	Salicylic, benzoic, boric acid or borates and saccharin absent; iron trace, artifical color none
28186	Great Atlantic and Pacific Tea Company, 198 First avenue	Petit Pois, A. & P.	Copper sulphate, 0.02 per cent.
28286	A. Davey, 350 Greenwich street	Petit Pois, Chas. Morel	Copper sulphate, trace; salicylic, benzoic, boric acid or borates none.
28862	Frank Savareso, 1236 Second avenue	Petit Pois	Copper sulphate, equivalent to copper recovered, 0.0088 per cent.
29170	James Butler, 537 Lenox avenue	Peas (canned), Ormond Castle	Copper, nickel, lead and tin absent.

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
29832	J. Greenfield, 298 Covert avenue, Ridgewood.	Peas (canned), Heights Savoy	Poisonous metals, articificial matter and ptomains absent.
28147	John Kirsch, 119 St. Nicholas avenue, Brooklyn	Shrimp (pickled), Cotton Bale	Physiological test on animals with the matter extracted from the shrimps and the shrimps themselves gave negative results.
29060	C. F. Gennerich & Co., 49 Harrison street	Succotash (canned), Enterprise	Salicylic, benzoic, boric acid or borates, sulphites and saccharin none.
29349	Dominick Starrio, 972 Eighth avenue	Sugar corn (canned), Sweet Violet	Sulphurous acid, saccharin and heavy metals absent.
28062	C. F. Gennerich & Co., 49 Harrison street	Sugar corn (canned), Enterprise	Salicylic, benzoic, boric acid or borates, sulphites and saccharin none.
29980	Department of Inspection	Tomato paste	Salicylic acid absent.
28048	James Butler, 394 Washington street	Tomatoes (canned), Petite	Salicylic, benzoic and boric acids or borates and artificial coloring (coal tar) none.
28064	C. F. Gennerich & Co., 49 Harrison street	Tomatoes (canned), Enterprise	Salicylic, benzoic, boric acids, or borates, artificial coloring (coal tar) none.
28065	C. F. Gennerich & Co., 49 Harrison street	Tomatoes (canned), Caroline's favorite	Salicylic, benzoic, boric acids or borates, artificial coloring (coal tar) none.
28066	C. F. Gennerich & Co., 49 Harrison street	Tomatoes (canned), Ponderosa	Salicylic, benzoic, boric acids, or borates, artificial coloring (coal tar) none.
28106	Great Atlantic & Pacific Tea Co., 467 Second avenue	Tomatoes (canned), Iona	Salicylic, benzoic, boric acids, or borates, artificial coloring (coal tar) none.
28115	Great Atlantic & Pacific Tea Co., 774 Third avenue	Tomatoes (canned), Sultana	Salicylic, benzoic, boric acids, or borates, artificial coloring (coal tar) none.
28116	Great Atlantic & Pacific Tea Co., 774 Third avenue.	Tomatoes (canned), A. & P.	Salicylic, benzoic, boric acids, or borates, artificial coloring (coal tar) none.
28599	Chief Clerk's office	Tomatoes (canned), Our Own	Salicylic, benzoic, boric acids, or borates, artificial coloring (coal tar) none.
30211	F. H. Leggett & Co., West Broadway and Franklin street	Tomatoes (canned), Empress	Salicylic, benzoic, boric acids, poisonous metals, artificial coloring, (coal tar) none.
30212	F. H. Leggett & Co., West Broadway and Franklin street	Tomatoes (canned), Varick	Salicylic, benzoic, boric acids, poisonous metals, artificial coloring (coal tar) none.
30213	F. H. Leggett & Co., West Broadway and Franklin street	Tomatoes (canned), Epicurean	Salicylic, benzoic, boric acids, poisonous metals, artificial coloring (coal tar) none.
30230	Austin, Nichols & Co., Hudson and Jay streets	Tomatoes (canned), Sunbeam	Salicylic, benzoic, boric acids, poisonous metals, artificial coloring (coal tar) none.
30231	Austin, Nichols & Co., Hudson and Jay streets	Tomatoes (canned), Fancy Quality	Salicylic, benzoic, boric acids, poisonous metals, artificial coloring (coal tar) none.
30242	R. C. Williams & Co., 60 Hudson street	Tomatoes (canned), Our Cook's	Salicylic, benzoic, boric acids, poisonous metals, artificial coloring (coal tar) none.
30244	R. C. Williams & Co., 60 Hudson street	Tomatoes (canned), Royal Scarlet	Salicylic, benzoic, boric acids, poisonous metals, artificial coloring (coal tar) none.
30243	R. C. Williams & Co., 60 Hudson street	Tomatoes (canned), Robin Hood	Salicylic, benzoic, boric acids, poisonous metals, artificial coloring (coal tar) none.
30277	Seeman Bros., 121 Hudson street	Tomatoes (canned), Waverly	Salicylic, benzoic, boric acids, poisonous metals, artificial coloring (coal tar) none.

30281	Seeman Bros., 121 Hudson street	Tomatoes (canned), Checker	Salicylic, benzoic, boric acids, poisonous metals, artificial coloring (coal tar) none.
30302	M. C. Nellis & Co., 140 Franklin street	Tomatoes (canned), Sale	Salicylic, benzoic, boric acids, poisonous metals, artificial coloring (coal tar) none.
30303	M. C. Nellis & Co., 140 Franklin street	Tomatoes (canned), Blanelco	Salicylic, benzoic. boric acids, poisonous metals, artificial coloring (coal tar) none.

Miscellaneous.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
30106	Sailors Snug Harbor, Richmond	Air	Carbon dioxide 0.065 per cent.; sulphuric acid SO_3 by weight 0.0066 per cent.; nitrogen oxygen compounds none.
30107	Sailors Snug Harbor, Richmond	Air	Carbon dioxide 0.075 per cent.; sulphuric acid trace, nitrogen oxygen compounds and sulphuric acid none.
30028	Sailors Snug Harbor, Richmond	Air	Carbon dioxide 0.04 per cent.; sulphuric acid trace, sulphurous acid none; nitrogen oxygen compound none.
30066	Sailors Snug Harbor, Richmond	Air	Carbon dioxide 0.07 per cent.; sulphuric acid trace, sulphurous acid none; nitrogen oxygen compound none.
30085	Sailors Snug Harbor, Richmond	Air	Carbon dioxide 0.07 per cent.; sulphuric acid trace, chlorine none; nitrogen oxygen compounds none.
30311	Department of Inspection	Borax, 20 Mule Team	Alkaline reaction. This would produce blue color with phenolphthalein.
29821	Kingston Avenue Hospital	Brick	Silica, iron, alumina, calcium, magnesium, potassium and sodium present; vanadium absent.
29822	Kingston Avenue Hospital	Brick	Same result as 29821.
30308	Chief Sanitary Inspector	Carbon electrodes	Sample contains in core a black powder of the composition of bone black. It contains magnesium calcium, with sulphuric and phosphoric acids and carbonates. An aluminum wire runs through the electrodes.
30309	Chief Sanitary Inspector	White Powder	Sample is a mixture of aluminum, calcium and magnesium, with sulphuric and phosphoric acids and carbonates.
30438	Chief Sanitary Inspector	Electrodes, carbons and ashes	Duplicate samples of 30308 and 30309.
30322	Bloomingdale Bros., Fifty-ninth street and Third avenue	Schepp's cocoanut	Sulphites none.
30323	Jas. Butler, 1043 Second avenue	Cocoanut, Peerless	Sulphites none.

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Samples and Brand.	Results.
30324	A. Davey, 1063 Second avenue	Cocoanut, Royal	Sulphites none.
30325	J. Holsten, 238 East 56th street	Cocoanut, Dunham's	Sulphites none.
30347	Store, 407 East Fourteenth street	Cocoanut, Schepp's	Sulphites none.
30392	Fourteenth Street Store, Fourteenth street and Sixth avenue	Cocoanut	Sulphites none.
30492	F. Freierhausen, 613 Ninth avenue	Cocoanut, Dunham's	Sulphites none.
30421	A. Baumann Bros., 1479 Third avenue	Feathers and silk floss	Arsenic none.
30422	Max Englander, 141 Seventh avenue	Feathers and silk floss	Arsenic none.
28205	Jas. Butler, 412 Second avenue	Gelatine, Peerless	Sulphites present.
28206	Great Atlantic & Pacific Tea Co., 198 First avenue	Gelatine, A. & P	Sulphites present.
28788	Milligan & Higgins, 222 Front street	Gelatine	Sample contains 0.064 per cent. anhydrous sulphurous acid SO_2.
28789	Milligan & Higgins, 222 Front street	Gelatine	Sample contains 0.139 per cent. anhydrous sulphurous acid SO_2.
28790	Milligan & Higgins, 222 Front street	Gelatine	Sample contains 0.069 per cent. anhydrous sulphurous acid SO_2.
28791	Milligan & Higgins, 222 Front street	Gelatine	Sample contains 0.128 per cent. anhydrous sulphurous acid SO_2.
28805	Park & Tilford, 917 Broadway	Gelatine, Cox's	Sample contains 0.037 per cent. anhydrous sulphurous acid SO_2.
28806	Park & Tilford, 917 Broadway	Gelatine, Knox's	Sample contains 0.079 per cent. anhydrous sulphurous acid SO_2.
28813	Peter Cooper Glue Co., 13 Burling slip	Gelatine	Sample contains 0.04 per cent. anhydrous sulphurous acid SO_2.
28814	Peter Cooper Glue Co., 13 Burling slip	Gelatine	Sample contains 0.029 per cent. anhydrous sulphurous acid SO_2.
28815	Peter Cooper Glue Co., 13 Burling slip	Gelatine	Sample contains 0.024 per cent. anhydrous sulphurous acid SO_2.
28825	Fred. Korte, 415 Third avenue	Gelatine	Sample contains 0.089 per cent. anhydrous sulphurous acid SO_2.
28845	Store Room, Chemical Laboratory	Gelatine, Comte fils	Sample contains 0.092 per cent. anhydrous sulphurous acid SO_2.
29375	Henry Kalchein, 194 Duane streeet	Liquid eggs	Formaldeyde, sulphites, boric acid or borates and fluorides absent.
29385	National Biscuit Co., 405 West Fifteenth street	Liquid eggs	Formaldehyde, sulphites, boric acid or borates and fluorides absent; somewhat decomposed.
29755	Phoenix Cheese Co., New York	Liquid eggs	Sulphites, boric acid and fluorides none; not decomposed.

	[illegible], 21 Jay street	Liquid eggs	Fluorides, boric acid none; no decomposition.
30498	Drake Bros., 1006 Wallabout Market, Brooklyn	Liquid eggs	Fluorides, boric acid none; no decomposition.
30573	Brown & Rittenhouse, 139 Reade street	Liquid eggs	Boric acid or borates, hydrofluoric acid or fluorides none.
27124	Dr. J. S. Billings, Jr	Medicinal chloride of iridium	Iridium none; iron present.
27242	Dr. J. S. Billings, Jr	Medicinal chloride of iridium	Iridium none; iron present.
27243	Dr. J. S. Billings, Jr	Medicinal chloride of iridium	Iridium none; iron present.
29330	Sam Lee, 554½ Seventh avenue	Opium	Contains opium.
29331	Wah Lee, 200 West Twenty-eighth street	Opium	Contains opium.
29392	Chief Sanitary Inspector	Powder (reddish)	Composed of carbonates of calcium and magnesium, colored with ferric oxide; free from heavy poisonous metals.
30348	Store, 407 East Fourteenth street	Alpha home pudding (cocoanut rice)	Sulphites, none.
30393	Siegel-Cooper Co., Sixth avenue and Eighteenth street	Pudding (plum)	Poisonous metals, salicylic, benzoic and boric acids absent.
30394	Siegel-Cooper Co., Sixth avenue and Eighteenth street	Plum pudding, Richardson's & Robbins'	Poisonous metals, salicylic, benzoic and boric acids absent.
29049	Dr. Billings	Scrapings from walls and ceilings of room	Arsenic none.
28263	Hess Bros. 502 West Thirtieth street	Shellac	Free from wood alcohol.
28264	Greek American Confectionery Co., 9 Marion street	Shellac	Free from wood alcohol.
28265	Hawley & Hoops, 267 Mulberry street	Shellac	Free from wood alcohol.
27966	Metropolitan Hardware Co., Vesey and Church streets	Silver polish, Argentina	Sample contains, 1.88 per cent. potassium cyanide.
27967	Chief Sanitary Inspector	White cleaning powder, Argentina	Sample contains, 3.07 per cent. potassium cyanide.
27968	Chief Sanitary Inspector	Wanamaker's silver polish	Potassium cyanide absent.
27969	Chief Sanitary Inspector	White powder	Potassium cyanide absent.
30010	Dr. Braisted	Stomach and liver sect. (of horse)	Arsenic present.
28578	Dr. H. M. Biggs	Urine	Sugar none.
28596	Henry Steinert	Urine	Sugar none; albumin none; specific gravity, 1.022 per cent.
28732	Dr. Guilfoy	Urine	Albumin, uric acids and pus casts present.
28927	Dr. Sackswell	Urine	Specific gravity, 1.013 per cent.; urea, 0.80 per cent.
30030	Sailors' Snug Harbor, Richmond	Vegetation leaves	Copper and arsenic deposits none; sulphuric acid deposits present.

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
30065	Sailors' Snug Harbor, Richmond	Vegetation leaves	Copper and arsenic deposits none; sulphuric acid deposits present.
30086	Sailors' Snug Harbor, Richmond	Vegetation leaves	Arsenic and copper, none; sulphuric acid as SO_3, 0.18 per cent.
30137	Sailors' Snug Harbor, Richmond	Soil	Arsenic none; sulphuric acid as SO_3, 0.0015 per cent.
30139	Sailors' Snug Harbor, Richmond	Vegetation leaves	Arsenic none; sulphuric acid as SO_3, 0.19 per cent.
30140	Sailors' Snug Harbor, Richmond	Vegetation leaves	Arsenic none; sulphuric acid as SO_3, 0.28 per cent.
30029	Sailors' Snug Harbor, Richmond	Vegetation grass	Copper and arsenic deposits none; sulphuric acid deposits present.
30064	Sailors' Snug Harbor, Richmond	Vegetation grass	Copper and arsenic deposits none; sulphuric acid deposits present.
30087	Sailors' Snug Harbor, Richmond	Vegetation grass	Copper and arsenic none; sulphuric acid as SO_3, 0.7 per cent.
30138	Sailors' Snug Harbor, Richmond	Vegetation grass	Arsenic none; sulphuric acid as SO_3, 0.24 per cent.
30306	Dr. Studdiford	Vomit	Sample yields hæmin crystals; contains blood.
28998	Commissioner's office	Wall paper	Alkaloids and poisonous metals none.
28999	Commissioner's office	Wall paper from room	Alkaloids and poisonous metals none.
30310	Inspector Kirchoff, Department of Inspection	Water, colored	Color reacts in a similar manner to phenolphthalein.
29931	Inspector Norton, Department of Inspection.	Wood paving block (split)	Water absorbed during 24 hours, 32.90 per cent.; specific gravity greater than water.
29932	Inspector Norton, Department of Inspection.	Wood paving block	Water absorbed during 24 hours, 21.50 per cent.; specific gravity greater than water.
29748	80 Cary avenue, Borough of Richmond	Water (special)	Sample contains no lithium.
29749	80 Cary avenue, Borough of Richmond	Water (special)	Sample contains no lithium.
29750	80 Cary avenue, Borough of Richmond	Water (special)	Sample contains no lithium.
29751	80 Cary avenue, Borough of Richmond	Water (special)	Sample contains no lithium.
29752	80 Cary avenue, Borough of Richmond	Water (special)	Sample contains no lithium.
30174	Mr. Scheffer	Effluent from sewage disposal plant	Figures represent parts per 100,000: Appearance, slightly turbid; color none; odor slightly marshy; chlorine in chlorides, 10.000, equivalent to NaCl, 16.480; phosphates none; nitrogen in nitrites, 0.0400; nitrogen in nitrates, 0.6000; free ammonia, 0.0025; albuminoid ammonia, 0.0225; total hardness, 9.00; permanent hardness, 9.00; organic and volatile matter, 6.20; mineral matter, 21.20; total solids, 27.40.

TABLE 70—(Continued).

SAMPLES SUBMITTED BY OTHER DEPARTMENTS.

Bellevue Hospital.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
28302	Bellevue Hospital	Mustard	Moisture, 5.93 per cent.; total ash, 6.36 per cent.; ash water solution, 0.26 per cent.; ash HCl in solution, 0.38 per cent.; volatile ether ext. none; none-volatile ether ext. 16.14 per cent.; turmeric none.
28303	Bellevue Hospital	Baking powder	Available carbon dioxide, 11.45 per cent.; sample is a tartrate powder.
28304	Bellevue Hospital	Corn starch	Microscopic examination shows sample to be unadulterated.
28327	Bellevue Hospital	Brown soap	Moisture, 28.53 per cent.; free alkali, 0.10 per cent.; resin, 22.73 per cent.
28447	Bellevue Hospital	Washing soda	Anhydrous sodium carbonate, 75.26 per cent.
29495	Bellevue Hospital	Soap	Moisture, 26.20 per cent; free alkali trace; resin, 24.96 per cent.
28675	Bellevue Hospital	Soda, Wyandotte	Alkalinity calculated as sodium carbonate 67.50 per cent.
28676	Bellevue Hospital	Washing soda, Harral	Alkalinity calculated as sodium carbonate, 85.50 per cent.
28762	Bellevue Hospital	Washing soda, Wyandotte	Sodium bicarbonate, 54.89 per cent.; sodium carbonate, 29.86 per cent.; sodium chloride trace.
28763	Bellevue Hospital	Washing soda, Harral	Sodium bicarbonate, 45.61 per cent.; sodium carbonate, 41.18 per cent.; sodium chloride trace.
28816	Bellevue Hospital	Sweet oil	Cotton seed oil none; iodine number, 80.85 per cent.; sample is pure olive oil.
29898	Bellevue Hospital	Cream	Borax, formaldehyde and artificial color none.

Bureau of Public Buildings and Offices.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
29367	Bureau of Public Buildings and Offices	Oil soap, lubricating	Moisture, 41.06 per cent.; free alkali none; total alkali (Na_2O), 5.74 per cent.; fatty anhydrid, 47.90 per cent.
29368	Bureau of Public Buildings and Offices	Oil soap, lubricating	Moisture, 45.27 per cent.; free alkali none; total alkali (Na_2O), 8.99 per cent.; fatty anhydrid, 42.89 per cent.
29369	Bureau of Public Buildings and Offices	Oil soap, lubricating	Moisture, 43.95 per cent.; free alkali trace; total alkali (Na_2O), 8.53 per cent.; fatty anhydrid, 43.30 per cent.

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
29370	Bureau of Public Buildings and Offices.....	Oil soap, lubricating.....	Moisture, 43.45 per cent.; free alkali trace,; total alkali (Na_2O), 5.89 per cent.; fatty anhydrid, 48.91 per cent.
29371	Bureau of Public Buildings and Offices.....	Oil soap, lubricating.....	Moisture, 43.61 per cent.; free alkali none; total alkali (Na_2O), 7.44 per cent.; fatty anhydrid, 48.24 per cent.
29351	Bureau of Public Buildings and Offices..... .	Oil soap, jelly.....	Moisture, 38.14 per cent.; free alkali none; total alkali (Na_2O), 10.54 per cent.; fatty anhydrid, 48.27 per cent.; carbonated alkali, 0.21 per cent.; fatty acids free none.
29352	Bureau of Public Buildings and Offices.....	Oil soap, jelly.....	Moisture, 40.03 per cent.; free alkali none; total alkali (Na_2O), 5.74 per cent.; fatty anhydrid, 47.12 per cent.; carbonated alkali, 0.21 per cent.; fatty acids free none.
29353	Bureau of Public Buildings and Offices.....	Oil soap, jelly.....	Moisture, 44.61 per cent.; free alkali none; total alkali (Na_2O), 6.82 per cent.; fatty anhydrid, 44.46 per cent.; carbonated alkali, 0.21 per cent.; fatty acids free none.
29354	Bureau of Public Buildings and Offices.....	Oil soap, jelly.....	Moisture, 43.08 per cent.; free alkali none; total alkali (Na_2O), 9.46 per cent.; fatty anhydrid, 45.92 per cent.; carbonated alkali, 0.21 per cent.; free fatty acid none.
29355	Bureau of Public Buildings and Offices.	Oil soap, jelly.....	Moisture, 43.27 per cent.; free alkali trace; total alkali (Na_2O), 5.74 per cent.; fatty anhydrid, 46.89 per cent.; carbonated alkali, 0.21 per cent.; fatty acid free none.
29356	Bureau of Public Buildings and Offices.....	Oil soap, jelly.....	Moisture, 43.57 per cent.; free alkali trace; total alkali (Na_2O), 7.44 per cent.; fatty anhydrid, 45.41 per cent.; carbonated alkali, 0.21 per cent.; fatty acid free none.
29363	Bureau of Public Buildings and Offices.....	Soap bleach.....	Sodium hypochlorite, 2.20 per cent.
29364	Bureau of Public Buildings and Offices.....	Soap bleach.....	Sodium hypochlorite, 1.86 per cent.
29365	Bureau of Public Buildings and Offices.....	Soap bleach.....	Sodium hypochlorite, 1.93 per cent.
29366	Bureau of Public Buildings and Offices.....	Soap bleach.....	Sodium hypochlorrite, 2.23 per cent.
29357	Bureau of Public Buildings and Offices.....	Soap powder.....	Moisture, 11.50 per cent.; soda ash, 57.77 per cent.; fatty anhydrid, 28.01 per cent.; free alkali none.
29358	Bureau of Public Buildings and Offices.....	Soap powder.....	Moisture, 30.98 per cent.; soda ash, 37.90 per cent.; fatty anhydrid, 32.04 per cent.; free alkali none.
29359	Bureau of Public Buildings and Offices.....	Soap powder.....	Moisture, 2.75 per cent.; soda ash, 11.40 per cent.; fatty anhydrid, 86.08 per cent.; free alkali none.
29360	Bureau of Public Buildings and Offices.....	Soap powder.....	Moisture, 15.48 per cent.; soda ash, 44.38 per cent.; fatty anhydrid, 38.95 per cent.; free alkali none.
29361	Bureau of Public Buildings and Offices.....	Soap powder.....	Moisture, 11.89 per cent.; soda ash, 69.43 per cent.; fatty anhydrid, 17.30 per cent.; free alkali none.
29362	Bureau of oublic Buildings and Offices.....	Soap powder.....	Moisture, 18.40 per cent.; soda ash, 65.46 per cent.; fatty anhydrid, 16.12 per cent.; free alkali none.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
27078	Coroners' office	Vomit in jar	Mercury, absent.
27512	Coroners' office	Portion of body in jar	Alkaloids and poisonous metals absent.
27863	Coroners' office	Candy	Volatile, vegetable and mineral poisons absent.
27864	Coroners' office	Stomach contents	Volatile, vegetable and mineral poisons absent.

District Attorney's Office.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
28359	District Attorney's office	Box containing pills	Pills contain a salt of morphine; no calomel present.
29775	District Attorney's office	Pink salve in jar	Sample contains no poisonous metals.

Department of Education.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
28276	Department of Education	Coal	Moisture, 2.18 per cent.; volatile and combustible matter, 6.76 per cent.; fixed carbon, 78.43 per cent.; ash, 12.63 per cent.
28554	Department of Education	Oil soap	Moisture, 40.28 per cent.; free alkali none; carbonated alkali, 0.22 per cent.; free fatty acid, as oleic acid, 0.59 per cent.
28628A	Department of Education	Muriatic acid	Hydrochloric acid, 38.37 per cent.
28628B	Department of Education	Muriatic acid	Hydrochloric acid, 33.51 per cent.

TABLE 78—(*Continued*).

Department of Street Cleaning.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
28354	Department of Street Cleaning	Paint	Lead, zinc and calcium, present; no mineral oil.
28355	Department of Street Cleaning	Paint	Lead, zinc and calcium, present; no mineral oil; barium, trace.
29388	Department of Street Cleaning	Ashes	Soluble phosphate, none; citrate insoluble phosphates, 0.91 per cent.; total phosphates, 1.25 per cent.; potash, 1.64 per cent.; nitrogen, 1.85 per cent.

Fire Department.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
29111	Fire Department	Soap powder	Moisture, 11.05 per cent.; free alkali, trace; total alkali (Na_2CO_2), 64.93 per cent.; fatty acids, 2.11 per cent.
29112	Fire Department	Soap powder	Moisture, 32.14 per cent.; free alkali, trace; total alkali (Na_2CO_2), 74.20 per cent.; fatty acids, 2.28 per cent.
29514	Fire Department	Soap powder	Moisture, 11.31 per cent.; free alkali, trace; total soda ash, 56.51 per cent.; fatty anhy., 24.18 per cent.
29515	Fire Department	Soap powder	Moisture, 11.75 per cent.; free alkali, trace; soda ash, 56.18 per cent.; fatty anhy., 21.73 per cent.

The New York Eye and Ear Infirmary.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
28537	New York Eye and Ear Infirmary	Urine	Sample does not contain any bile pigment; sediment is due to the presence of phosphates.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
28529	Trachoma Hospital	Jam	Salicylic, benzoic, boric acids, artificial coloring matter and glucose, none; cane sugar, 19.9 per cent.
28360	Trachoma Hospital	Nitrous oxide	Nitrous oxide, 100.9 per cent.; slight excess above 100 per cent. is due to slight leakage in apparatus.

Police Department.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
29377	Police Department	Envelope containing bottle	Vegetable alkaloids and poisonous metals, none.
29378	Police Department	Envelope containing bottle	Bottle empty; no analysis made.
29379	Police Department	Envelope containing bottle	Strychnine, present.
28005	Police Department	Case containing vials	Vials contain as marked, trional, tincture of opium, cocaine, sulphate of morphine, carbolic acid, morphine and atropine.
28622	Police Department	Bran-like substance	Arsenic present in large quantities.
29885	Police Department	White crystals	Sample contains cocaine.
30165	Police Department	White crystalline substance	Sample is chloral hydrate.
30166	Police Department	White crystalline substance	Sample is chloral hydrate.
30228	Police Department	White crystals	Sample is cocaine hydrochlorate.
30229	Police Department	White crystals	Sample is cocaine hydrochloiate.
30399	Police Department	White crystals	Sample is cocaine hydrachlorate.
30400	Police Department	White crystals	Sample is cocaine hydrochlorate.
30410	Police Department	White crystalline substance	Sample is cocaine hydrochlorate.
30584	Police Departmeut	White crystals	Sample is cocaine hydrochlorate.

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
28858	Police Department	Two glasses (residue)	Chloral hydrate, absent.
28305	Police Department	Bottle containing liquid	Alcohol by weight, 26.34 per cent.; alcohol by volume, 31.95 per cent.
28306	Police Department	Bottle containing liquid	Alcohol by weight, 31.00 per cent.; alcohol by volume, 37.34 per cent.
28361	Police Department	Bottle containing liquid	Alcohol by weight, 36.96 per cent.; alcohol by volume, 44.06 per cent.
28362	Police Department	Bottle containing liquid	Alcohol by weight, 36.87 per cent.; alcohol by volume, 43.87 per cent.
28470	Police Department	Bottle containing liquid	Alcohol by weight, 23.20 per cent.; alcohol by volume, 28.31 per cent.
28471	Police Department	Bottle containing liquid	Alcohol by weight, 37.44 per cent.; alcohol by volume, 44.67 per cent.
28677	Police Department	Bottle containing liquid	Alcohol by weight, 9.27 per cent.; alcohol by volume, 11.70 per cent.
28761	Police Department	Bottle containing liquid	Alcohol by weight, 4.18 per cent.; alcohol by volume, 5.32 per cent.
28773	Police Department	Bottle containing liquid	Alkaloids and arsenic, none.
28859	Police Department	Bottle containing liquid	Aloes, oil of wintergreen, alcohol and sugar, present.
28860	Police Department	Bottle containing liquid	Aloes, oil of wintergreen, alcohol and sugar, present.
28915	Police Department	Bottle containing liquid	Alcohol by weight, 3.50 per cent.; alcohol by volume, 4.49 per cent.
28995	Police Department	Bottle containing liquid	Alcohol by weight, 6.66 per cent.; alcohol by volume, 8.54 per cent.
29194	Police Department	Bottle containing liquid	Alcohol by weight, 7.94 per cent.; alcohol by volume, 10.12 per cent.
29227	Police Department	Bottle containing liquid	Alcohol by weight, 3.26 per cent.; alcohol by volume, 4.27 per cent.
29228	Police Department	Bottle containing liquid	Alcohol by weight, 3.02 per cent.; alcohol by volume, 4.05 per cent.
29229	Police Department	Bottle containing liquid	Alcohol by weight, 3.91 per cent.; alcohol by volume, 5.00 per cent.
29230	Police Department	Bottle containing liquid	Alcohol by weight, 2.94 per cent.; alcohol by volume, 3.76 per cent.
29291	Police Department	Bottle containing liquid	Contains aconitine.
29336	Police Department	Bottle containing liquid	Vegetable and mineral poisons, absent.
29376	Police Department	Bottle containing liquid	Alcohol by weight, 3.97 per cent.; alcohol by volume, 5.08 per

[illegible]	[illegible]	[illegible]	per cent.
29414	Police Department	Bottle containing liquid	Sample is chloroform.
29488	Police Department	Bottle containing liquid	Alcohol by weight, 14.23 per cent.; alcohol by volume, 18.03 per cent.
29496	Police Department	Bottle containing liquid	Alcohol by weight, 6.17 per cent.; alcohol by volume, 7.92 per cent.
29519	Police Department	Bottle containing liquid	Alcohol by weight, 34.38 per cent.; alcohol by volume, 41.16 per cent.
29520	Police Department	Bottle containing liquid	Alcohol by weight, 3.57 per cent.; alcohol by volume, 4.56 per cent.
29521	Police Department	Bottle containing liquid	Mixture contains chloroform 96 parts, and water 4 parts.
29542	Police Department	Bottle containing liquid	Alcohol by weight, 31.61 per cent.; alcohol by volume, 39.80 per cent.
29560	Police Department	Bottle containing liquid	Alcohol by weight, 37.41 per cent.; alcohol by volume, 44.67 per cent.
29561	Police Department	Bottle containing liquid	Alcohol by weight, 39.08 per cent.; alcohol by volume, 46.80 per cent.
29573	Police Department	Bottle containing liquid	Alcohol by weight, 6.12 per cent.; alcohol by volume, 7.74 per cent.
29576	Police Department	Bottle containing liquid	Liquid has odor of laudanum.
29577	Police Department	Bottle containing liquid	Vegetable alkaloids and poisonous metals absent.
29595	Police Department	Bottle containing liquid	Alcohol by weight, 3.93 per cent.; alcohol by volume, 4.34 per cent.
29596	Police Department	Bottle containing liquid	Alcohol by weight, 34.60 per cent.; alcohol by volume, 41.26 per cent.
29597	Police Department	Bottle containing liquid	Alcohol by weight, 4.22 per cent.; alcohol by volume, 5.39 per cent.
29598	Police Department	Bottle containing liquid	Alcohol by weight, 34.31 per cent.; alcohol by volume, 41.11 per cent.
29599	Police Department	Bottle containing liquid	Alcohol by weight, 41.21 per cent.; alcohol by volume, 49.07 per cent.
29656	Police Department	Bottle containing liquid	Alcohol by weight, 3.94 per cent.; alcohol by volume, 5.00 per cent.
29677	Police Department	Bottle containing liquid	Alcohol by weight, 2.96 per cent.; alcohol by volume, 3.90 per cent.
29687	Police Department	Bottle containing liquid	Alcohol by weight, 3.40 per cent.; alcohol by volume, 4.34 per cent.
29688	Police Department	Bottle containing liquid	Alcohol by weight, 3.48 per cent.; alcohol by volume, 4.42 per cent.
29700	Police Department	Bottle containing liquid	Alcohol by weight, 3.39 per cent.; alcohol by volume, 4.34 per cent.
29701	Police Department	Bottle containing liquid	Alcohol by weight, 4.21 per cent.; alcohol by volume, 5.39 per cent.
29732	Police Department	Bottle containing liquid	Alcohol by weight, 29.68 per cent.; alcohol by volume, 35.97 per cent.

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
29741	Police Department	Bottle containing liquid	Alcohol by weight, 31.46 per cent.; alcohol by volume, 37.90 per cent.
29742	Police Department	Bottle containing liquid	Alcohol by weight, 13.05 per cent.; alcohol by volume, 16.80 per cent.
29757	Police Department	Bottle containing liquid	Sample contains chloral hydrate.
29784	Police Department	Bottle containing liquid	Alcohol by weight, 30.53 per cent.; alcohol by volume, 36.89 per cent.
29788	Police Department	Bottle containing liquid	Alcohol by weight, 37.50 per cent.; alcohol by volume, 44.61 per cent.
29791	Police Department	Bottle containing liquid	Alcohol by weight, 2.84 per cent.; alcohol by volume, 3.62 per cent.
29812	Police Department	Bottle containing liquid	Alcohol by weight, 2.94 per cent.; alcohol by volume, 3.76 per cent.
29865	Police Department	Bottle containing liquid	Alcohol by weight, 27.03 per cent.; alcohol by volume, 34.33 per cent.
29887	Police Department	Bottle containing liquid	Morphine, cocaine and chloral hydrate absent.
29888	Police Department	Bottle containing liquid	Morphine, cocaine and chloral hydrate absent.
29894	Police Department	Bottle containing liquid	Alcohol by weight, 36.63 per cent.; alcohol by volume, 43.69 per cent.
29906	Police Department	Bottle containing liquid	Alcohol by weight, 38.17 per cent.; alcohol by volume, 45.77 per cent.
29945	Police Department	Bottle containing liquid	Arsenic absent, sediment shows the presence of yeast cells.
30039	Police Department	Bottle containing liquid	Alcohol by weight, 35.60 per cent.; alcohol by volume, 42.51 per cent.
30142	Police Department	Bottle containing liquid	Alcohol by weight, 2.99 per cent.; alcohol by volume, 3.83 per cent.
30157	Police Department	Bottle containing liquid	Vegetable alkaloids and mineral poisons absent.
30158	Police Department	Bottle containing liquid	Sample contains, 0.75 per cent. carbolic acid.
30314	Police Department	Bottle containing liquid	Alcohol by weight, 29.34 per cent.; alcohol by volume, 35.43 per cent.
30387	Police Department	Bottle containing liquid	Sample is chloroform.
30405	Police Department	Bottle containing liquid	Sample contains cocaine.
30445	Police Department	Bottle containing liquid	Alcohol by weight, 3.33 per cent.; alcohol by volume, 4.27 per cent.
30446	Police Department	Bottle containing liquid	Alcohol by weight, 3.31 per cent.; alcohol by volume, 4.34 per cent.
30489	Police Department	Bottle containing liquid	Mineral and vegetable poisons absent.

28811A	Police Department	Chopped meat	½ ounce of chopped meat contains 0.469 grains strychnine.
28811B	Police Department	Chopped meat	½ ounce of chopped meat contains 0.579 grains strychnine.
28812	Police Department	Sausage	2 ounces of sausage contains 0.150 grains strychnine.
29611	Police Department	Ham	Free from ptomains.
29279	Police Department	One pair trousers	Blood is not present.
29279A	Police Department	One pair shoes	Blood is not present.
29279B	Police Department	One shirt	Blood is not present.
29279C	Police Department	One shirt	Blood is not present.
29612	Police Department	Clothes (marked A)	Gonococci not present.
29613	Police Department	Clothes (marked B)	Gonococci not present.
29614	Police Department	Clothes (marked C)	Sample appears to be stained with menstrual blood.
29631	Police Department	One sheet	Spermatozoa absent.
29895	Police Department	Scrapings from person	Microscopical examination showed presence of blood.
29896	Police Department	Scrapings from person	Microscopical examination did not show presence of blood.
29897	Police Department	Scrapings from person	Microscopical examination did not show presence of blood.
27708	Police Department	Red-brown spots on roll of paper	Hæmin crystal none; red brown spots are not blood.
28162	Police Department	Pills	Pills contain morphine.
28861	Police Department	Pills	Pills contain aloes.
29295	Police Department	Pills	Pills contain aloes.
27624	Police Department	Box containing powders	Atropine absent.
28758	Police Department	Bottle containing powders	Sample contains cantharis vesicatoria (Spanish flies).
29678	Police Department	White powder	Same is cocaine hydrochlorate.
29692A	Police Department	White powder	Contains morphine sulphate.
29692B	Police Department	White powder	Contains mercuric chloride powder.

TABLE 78—(*Continued*).

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
29724	Police Department	White powder	Sample is naphthalene.
29886	Police Department	White powder	Sample contains cocaine.
29949	Police Department	White powder	Sample is cocaine hydrochlorate.
30227	Police Department	White powder	Sample does not contain cocaine.
30313	Police Department	White powder	Sample contains cocaine hydrochlorate.
30407	Police Department	White powder	Sample does not contain cocaine.
30402	Police Department	White Powder	Sample does not contain cocaine.
30403	Police Department	White powder	Sample contains cocaine.
30406	Police Department	White powder	Sample is morphine sulphate.
30408	Police Department	White powder	Sample does not contain cocaine.
30409	Police Department	6 bottles contain trace of white powder (marked respectively A, B, C, D, E, F	Samples A, B, C, E and F are cocaine hydrochlorate; sample D contains cocaine.
30411	Police Department	2 boxes contain trace of white powder (marked A and B)	Samples A and B are cocaine hydrochloride.
28174	Police Department	Brown substance	Sample is a preparation of opium, containing more than 2 grains opium to the ounce.
28605	Police Department	Brown substance	Meconic acid and morphine present; sample is a preparation of opium.
28893	Police Department	Brown substance	Meconic acid and morphine present; sample is a preparation of opium.
28894	Police Department	Brown substance	Meconic acid and morphine present; sample is a preparation of opium.
28898	Police Department	Brown substance	Meconic acid and morphine present; sample is a preparation of opium.
29023	Police Department	Brown substance	Meconic acid and morphine present; sample is a preparation of opium.
29074	Police Department	Brown substance	Meconic acid present; sample is a preparation of opium.
29127	Police Department	Brown substance	Meconic acid present; sample is a preparation of opium.
29133	Police Department	Brown substance	Meconic acid present; sample is a preparation of opium.
29143	Police Department	Brown substance	Meconic acid and morphine present; sample is a preparation of opium.
29223	Police Department	Brown substance	Meconic acid and morphine present; sample is a preparation of opium.

	.....	Brown substance.....	of opium.
29342	Police Department.....	Brown substance.....	Meconic acid and morphine present, sample is a preparation of opium.
29380	Police Department.....	Brown substance.....	Meconic acid and morphine present; sample is a preparation of opium.
30404	Police Department.....	Black substance.....	Sample contains opium.
29838	Police Department.....	Brown substance.....	Sample is a preparation of opium.
29869	Police Department.....	White substance.....	Alkaloids and arsenic absent.
28770	Police Department.....	Brown substance.....	Alkaloids and arsenic absent.
28771	Police Department.....	White substance.....	Alkaloids and arsenic absent.
30499	Police Department.....	Blue substance.....	Weight of sample 4.115 gms. or 63.4 grains; phosphorous, 0.34 per cent.; phosphorous, 13.9 mg.; phosphorous, 21/100 grains.
29134	Police Department.....	Tablets.....	Tablets contain a salt of morphine; chloral hydrate none.
29292	Police Department.....	Tablets.....	Tablets contain codeine.
29294	Police Department.....	Tablets.....	Tablets contain codeine.
30401	Police Department.....	White tablets.....	Sample does not contain cocaine.
27625	Police Department.....	Vomit in bottle.....	Atropine absent.

Department of Correction.

Analysis Number.	From Whom Received.	Sample and Brand.	Results.
30528	Department of Correction.....	Pearline, Jas. Pyle's.....	Moisture 16.30 per cent.
30529	Department of Correction.....	Soap powder.....	Moisture, 14.45 per cent.

TABLE 79.

Chemical Laboratory—Number of Half Days of Attendance at Court, 1907.

	Department of Health.	Police Department.	U. S. Government.
January	9	7	..
February	12	7	..
March	10	5	..
April	9	6	..
May	14	2	..
June	14	4	..
July	6	2	4
August	6	4	..
September	3	4	..
October	19	5	..
November	19	16	..
December	15	22	..
Total	136	84	4

DIVISION OF HOSPITALS.

The group of Hospitals for Contagious Diseases and for Tuberculosis which are under the control of the Division of Hospitals now comprises the following institutions:

In the Borough of Manhattan—The Reception Hospital (for the reception, diagnosis and temporary treatment of contagious diseases). The Willard Parker Hospital (for diphtheria), and the Scarlet Fever Hospital.

In the Borough of Brooklyn—The Kingston Avenue Hospital (for contagious diseases).

In the Borough of The Bronx, on North Brother Island, The Riverside Hospital (for contagious diseases, and for pulmonary tuberculosis).

The work of these hospitals is summarized in a set of tables herewith given, each hospital being represented by three tables. The first table shows the general statement of the hospital, exhibiting the total number of patients treated for each disease, the number discharged,

the number of deaths, and of patients remaining in the institutions at the close of the year. The second set of tables summarizes the services rendered by each hospital giving in detail for each disease and in summary for the institution the total number of "patient-days" (number of patients multiplied by number of days of treatment) and furthermore, the average number of patients per day during the year; the lowest and highest number of patients per day, and the average number of days during which patients received treatment. In addition, these tables give also the number of persons under observation and the number of parents, etc., accompanying patients, as well as the number of days' board received by such persons.

The third set of tables deals with the case-fatality of the different institutions. Here the death rates for each disease, and for each age-group, among the patients affected are tabulated. In addition, account is taken of the fatality of each disease, according to the time of admission; in other words, according to the number of days of illness which had elapsed before the patient was admitted to the hospital. In this way the mortality is shown in the light of the conditions under which cases are treated in the Hospitals of the Department, and a fairer estimate of results can thus be made. In order to make these mortality figures still more accurately representative of the work of the institutions under review, the deaths occurring within forty-eight hours after admission have been excluded from the tables of case-fatality. As some patients are necessarily sent to these public hospitals in a moribund condition, it would not be fair to charge these institutions with the added mortality which such transfers of dying patients produce.

A number of improvements were made during the year in the various hospitals of the Department. The Reception Hospital has been thoroughly overhauled as to its plumbing; its grounds were paved and regraded, its interior painted and its roofs repaired and freshly painted.

At the Kingston Avenue Hospital a new morgue was completed and there were under construction at the close of the year a new Measles Pavilion, a new wing to the Nurses' Home, and a new iron fence on Winthrop street and Kingston avenue. The Hospital employees have also made many important repairs and improvements at this institution during the year. This included the rebuilding of some

rooms in the Administration Building and painting the inside and outside of the Cottages as well as Pavilions No. 4 and No. 6; the painting of all metal roofs, and the grading and making of one thousand feet of roadway.

At Riverside Hospital the Department employees graded and paved the roadway from the dock to the Kitchen Building, changed the veranda on the south end of Pavilion No. 1 to a solarium, and repaired and painted Cottages No. 1 and No. 2, as well as Pavilions 4 and 10. An extension to the laundry of this hospital was under construction at the close of the year. When completed, this laundry will be adequate for the demands of the hospital for many years.

TABLE 80.

RECEPTION HOSPITAL.

General Statement, 1907.

	Patients.										
	Remaining Dec. 31, 1906.	Admitted.			Total Patients Treated.	Discharged.	Died.	Transferred To		Remaining Dec. 31, 1907.
		New.	Transferred From					Hospital.	Number.	
			Hospital.	Number.						
Diphtheria	2	67	Riverside Willard Parker	6 23	98	22	25	Willard Parker Riverside	42 6	3
Scarlet fever	8	65	Riverside Willard Parker	5 8	86	38	12	Riverside Willard Parker Kingston Avenue	4 19 9	4
Measles	....	500	.....	..	500	10	14	Riverside Kingston Avenue	469 5	2
Small-pox	....	8	.....	..	8	..	1	Kingston Avenue	7	..
Varicella	....	14	.....	..	14	11	..	Kingston Avenue	3	..
Pertussis	....	2	.....	..	2	2	..	.....	..	..
German measles	1	4	.....	..	5	4	..	Riverside	1	..
Mumps	....	....	.....	..	..	..	..	.....	..	..
Tuberculosis	....	85	Otisville	13	98	2	..	Riverside	96	..
Cerebro-spinal meningitis	1	12	.....	..	13	2	11	.....	..	..

TABLE 80—(*Continued*).

	Patients.									
	Remaining Dec. 31, 1906.	Admitted.			Total Patients Treated.	Discharged.	Died.	Transferred To		Remaining Dec. 31, 1907.
		New.	Transferred From					Hospital.	Number.	
			Hospital.	Number.						
Diphtheria and scarlet fever	....	7	Willard Parker	2	9	4	2	Willard Parker	3	..
Diphtheria and measles	1	59	Willard Parker	4	64	5	9	Riverside	50	..
Diphtheria and varicella	....	1	Riverside	1	2	1	..	Riverside	1	..
Diphtheria and pertussis	....	4		..	4	1	2	Kingston Avenue	1	..
Diphtheria and German measles	....	1		..	1	1	..		..	..
Scarlet fever and measles	....	2		..	2	1	1		..	..
Scarlet fever and varicella	....	1		..	1	..	1		..	..
Scarlet fever and pertussis	....	1		..	1	1	..		..	..
Measles and pertussis	....	4		..	4	..	..	Kingston Avenue	4	..
Measles and varicella	....	1		..	1	..	..	Kingston Avenue	1	..
Varicella and pertussis	....	1		..	1	..	..		..	1
Total	13	839		62	914	105	78		721	10
For observation	3	146	Riverside	35	184	97	17	Riverside Willard Parker Kingston Avenue	8 50 10	2
Accompanying	1	74		..	75	37	1	Riverside Kingston Avenue	28 5	4

TABLE 81.

WILLARD PARKER HOSPITAL.

General Statement, 1907.

	Patients.									
	Remaining Dec. 31, 1906.	Admitted.			Total Patients Treated.	Discharged.	Died.	Transferred To.		Remaining Dec. 31, 1907.
		New.	Transferred From.							
			Hospital.	Number.				Hospital.	Number.	
Diphtheria	65	1,125	Reception	53	1,359	904	316	Scarlet Fever	6	88
			Riverside	116				Reception	34	
								Riverside	11	

TABLE 80—(*Continued*).

	Patients.									
	Remaining Dec. 31, 1906.	Admitted.			Total Patients Treated.	Discharged.	Died.	Transferred To		Remaining Dec. 31, 1907.
		New.	Transferred From					Hospital.	Number.	
			Hospital.	Number.						
Diphtheria and scarlet fever	....	7	Willard Parker	2	9	4	2	Willard Parker	3	..
Diphtheria and measles	1	59	Willard Parker	4	64	5	9	Riverside	50	..
Diphtheria and varicella	....	1	Riverside	1	2	1	..	Riverside	1	..
Diphtheria and pertussis	....	4	.....	..	4	1	2	Kingston Avenue	1	..
Diphtheria and German measles	....	1	.....	..	1	1	..	.....	..	..
Scarlet fever and measles	....	2	.....	..	2	1	1	.....	..	..
Scarlet fever and varicella	....	1	.....	..	1	..	1	.....	..	..
Scarlet fever and pertussis	....	1	.....	..	1	1	..	.....	..	..
Measles and pertussis	....	4	.....	..	4	..	..	Kingston Avenue	4	..
Measles and varicella	....	1	.....	..	1	..	..	Kingston Avenue	1	..
Varicella and pertussis	....	1	.....	..	1	..	..	.....	..	1
Total	13	839	.....	62	914	105	78	.....	721	10
For observation	3	146	Riverside	35	184	97	17	Riverside Willard Parker Kingston Avenue	8 50 10	2
Accompanying	1	74	.....	..	75	37	1	Riverside Kingston Avenue	28 5	4

TABLE 81.

WILLARD PARKER HOSPITAL.

General Statement, 1907.

	Patients.									
	Remaining Dec. 31, 1906.	Admitted.			Total Patients Treated.	Discharged.	Died.	Transferred To.		Remaining Dec. 31, 1907.
		New.	Transferred From.							
			Hospital.	Number.				Hospital.	Number.	
Diphtheria	65	1,125	Reception	53	1,359	904	316	Scarlet Fever	6	88
			Riverside	116				Reception	34	
								Riverside	11	

TABLE 82.

SCARLET FEVER HOSPITAL.

General Statement, 1907.

	Patients.					Patients.				
	Remaining December 31, 1906.	Admitted.			Total Patients Treated.	Discharged.	Died.	Transferred to		Remaining December 31, 1907.
		New.	Transferred from							
			Hospital.	Number.				Hospital.	Number.	
Scarlet fever	51	1,272	Willard Parker Reception Riverside	4 41 109	1,477	1,091	124	Reception Riverside	7 4	251
Diphtheria and scarlet fever	....	34	Willard Parker Reception Riverside	1 28 3	66	38	19	Reception	1	8
Total	51	1,306	.....	186	1,543	1,129	143	.....	12	259

General Statement, 1907.

	Patients.					Patients.				
	Remaining Dec. 31, 1906.	Admitted. New.	Admitted. Transferred from Hospital.	Admitted. Transferred from Number.	Total Patients Treated.	Discharged.	Died.	Transferred to Hospital.	Transferred to Number.	Remaining Dec. 31, 1907.
Diphtheria	10	352	Reception	7	369	312	54	....	....	3
Scarlet fever	26	318	Reception	7	351	324	27	....	....	....
Measles	47	248	Reception	469	764	513	84	....	....	167
Tuberculosis	105	169	Reception	86	360	164	101	....	....	95
Diphtheria and scarlet fever	....	10	....	....	10	8	2	....	....	....
Diphtheria and measles	10	41	Reception	41	92	50	41	....	....	1
Diphtheria and varicella	....	1	....	....	1	....	1	....	....	....
Scarlet fever and measles	1	7	Reception	4	12	9	3	....	....	....
Scarlet fever and varicella	....	4	....	....	4	4	....	....	....	....
Scarlet fever and pertussis	....	1	....	....	1	1	....	....	....	....
Typhoid fever	....	....	Reception	1	1	....	....	....	....	1
Total	199	1151	Reception	615	1,965	1,385	313	....	....	267
Accompanying	5	73	....	....	78	47	....	....	....	31

Table 84.

KINGSTON AVENUE HOSPITAL.

General Statement, 1907.

	Patients.							Patients.		
	Remaining December 31, 1906.	Admitted.			Total Patients Treated.	Discharged.	Died.	Transferred to—		Remaining December 31, 1907.
		New.	Transferred from—							
			Hospital.	Number.				Hospital.	Number.	
Diphtheria	17	583	.....	....	600	406	101	.....	....	40
Scarlet fever	55	798	Reception	5	858	664	86	.....	....	130
Measles	71	1,132	Reception	7	1,210	879	160	.....	....	104
Small-pox	11	51	Riverside Reception	1 10	73	59	8	.....	....	6
Varicella	1	61	Reception	2	64	56	1	.....	....	3
German measles	....	29	.....	....	29	35	1	.....	....	....
Mumps	....	1	.....	....	1	1	....	.....	....	....
Diphtheria and scarlet fever	8	23	.....	....	31	12	13	.....	....	5
Diphtheria and measles	14	13	.....	....	27	37	15	.....	....	2
Diphtheria and varicella	....	3	.....	....	3	1	....	.....	....	....
Diphtheria and pertussis	1	2	Reception	1	4	4	1	.....	....	....
Scarlet fever and measles	12	5	Reception Riverside	3 1	21	51	10	.....	....	24
Scarlet fever and varicella	....	1	.....	....	1	....	2	.....	....	....
Scarlet fever and pertussis	1	2	.....	....	3	3	....	.....	....	....
Measles and pertussis	....	5	Reception	7	12	10	8	.....	....	1
Measles and varicella	....	1	Reception	1	2	5	1	.....	....	4

...sles and varicella	1	2	2.	1	.	
Varicella and pertussis	1	5	5.	1	1	.01
Total	914	4,230	46.28	21	1	10.03
For observation	184	1,483	8.06	11	1	3.89
Accompanying	75	611	8.14	7	1	1.82

TABLE 86.

WILLARD PARKER HOSPITAL.

Service Rendered, 1907.

	Patients.	Patient-Days.	Average Days per Patient.	Largest Number Patients at One Time.	Smallest Number Patients at One Time.	Average Patients per Day.
Diphtheria	1,359	26,947	19.82	115	31	65.90

TABLE 87.

SCARLET FEVER HOSPITAL.

Service Rendered, 1907.

	Patients.	Patient-Days.	Average Days per Patient.	Largest Number Patients at One Time.	Smallest Number Patients at One Time.	Average Patients per Day.
Scarlet fever	1,477	46,186	31.27	282	50	149.42
Diphtheria and scarlet fever	66	1,589	24.07	17	1	5.399
Total	1,543	47,775	30.96	299	51	154.819

TABLE 88.

RIVERSIDE HOSPITAL.

Service Rendered, 1907.

	Patients.	Patient-Days.	Average Days per Patient.	Largest Number Patients at One Time.	Smallest Number Patients at One Time.	Average Patients Per Day.
Diphtheria	369	3,756	10.17	42	3	18.96
Scarlet fever	351	7,371	21.	49	5	25.35
Measles	764	13,217	17.29	169	7	46.87
Tuberculosis	360	13,680	38.00	109	85	102.04
Diphtheria and scarlet fever	10	160	16.	5	1	.77
Diphtheria and measles	92	1,748	19.	11	1	5.38
Diphtheria and varicella	1	1	1.	1	1	10.02
Scarlet fever and measles	12	216	18.	6	1	.91
Scarlet fever and varicella	4	26	6.50	4	1	.20
Scarlet fever and pertussis	1	37	37.	1	1	.002
Typhoid fever	1	253	253.	1	1	.002
Total	1,965	40,465	20.59	273	140	197.15
Accompanying	78	702	9	44	1	2 97

TABLE 89.

KINGSTON AVENUE HOSPITAL.

Service Rendered, 1907.

	Patients.	Patient-Days	Average Days per Patient.	Largest Number Patients at One Time.	Smallest Number Patients at One Time.	Average Patients per Day.
Diphtheria	600	12,852	21.42	65	11	29.95
Scarlet fever	858	3,170	35.16	157	25	78.04
Measles	1,210	33,225	27.45	229	16	82.64
Small-pox	73	1,398	19.15	13	1	3.70
Varicella	64	882	13.78	11	1	1.85
German measles	29	565	19.48	10	1	1.69
Mumps	1	8	8.00	1	1	.01
Diphtheria and scarlet fever	31	1,008	32.51	13	1	3.63
Diphtheria and measles	27	744	27.55	17	1	4.94
Diphtheria and varicella	3	51	17.00	1	1	.10
Diphtheria and pertussis	4	76	19.00	2	1	.24
Scarlet fever and measles	21	699	33.28	25	1	8.47
Scarlet fever and varicella	1	34	34.00	2	1	.46
Scarlet fever and pertussis	3	117	39.00	2	1	.10
Measles and pertussis	12	386	32.16	6	1	1.47
Measles and varicella	2	51	22.50	8	1	.54
Scarlet and German measles	.....	.....	.....	4	1	.28
Scarlet, diphtheria and varicella	.....	.....	.....	1	1	.15

TABLE 88.

RIVERSIDE HOSPITAL.

Service Rendered, 1907.

	Patients.	Patient-Days.	Average Days per Patient.	Largest Number Patients at One Time.	Smallest Number Patients at One Time.	Average Patients Per Day.
Diphtheria	369	3,756	10.17	42	3	18.96
Scarlet fever	351	7,371	21.	49	5	25.35
Measles	764	13.217	17.29	169	7	46.87
Tuberculosis	360	13,680	38.00	109	85	102.04
Diphtheria and scarlet fever	10	160	16.	5	1	.77
Diphtheria and measles	92	1,748	19.	11	1	5.38
Diphtheria and varicella	1	1	1.	1	1	10.02
Scarlet fever and measles	12	216	18.	6	1	.91
Scarlet fever and varicella	4	26	6.50	4	1	.20
Scarlet fever and pertussis	1	37	37.	1	1	.002
Typhoid fever	1	253	253.	1	1	.002
Total	1,965	40,465	20.59	273	140	197.15
Accompanying	78	702	9	44	1	2 97

KINGSTON AVENUE HOSPITAL.

Service Rendered, 1907.

	Patients.	Patient-Days	Average Days per Patient.	Largest Number Patients at One Time.	Smallest Number Patients at One Time.	Average Patients per Day.
Diphtheria	600	12,852	21.42	65	11	29.95
Scarlet fever	858	3,170	35.16	157	25	78.04
Measles	1,210	33,225	27.45	229	16	82.64
Small-pox	73	1,398	19.15	13	1	3.70
Varicella	64	882	13.78	11	1	1.85
German measles	29	565	19.48	10	1	1.69
Mumps	1	8	8.00	1	1	.01
Diphtheria and scarlet fever	31	1,008	32.51	13	1	3.63
Diphtheria and measles	27	744	27.55	17	1	4.94
Diphtheria and varicella	3	51	17.00	1	1	.10
Diphtheria and pertussis	4	76	19.00	2	1	.24
Scarlet fever and measles	21	699	33.28	25	1	8.47
Scarlet fever and varicella	1	34	34.00	2	1	.46
Scarlet fever and pertussis	3	117	39.00	2	1	.10
Measles and pertussis	12	386	32.16	6	1	1.47
Measles and varicella	2	51	22.50	8	1	.54
Scarlet and German measles	.....	.....	.....	4	1	.28
Scarlet, diphtheria and varicella	.....	.....	.....	1	1	.15

TABLE 89—(*Continued.*)

	Patients.	Patient Days.	Average Days per Patient.	Largest Number Patients at One Time.	Smallest Number Patients at One Time.	Average Patients per Day.
Measles, scarlet and pertussis	2	26	13.00	2	1	.04
Measles, scarlet and varicella	.....	.....	.....	1	1	.14
Measles, diphtheria and pertussis	1	32	32.00	1	1	.23
Total	2,942	82,324	27.98	434	88	219.80
For observation	24	634	26.41	17	1	1.23
Accompanying	380	7,554	19.87	70	3	18.33

TABLE 90.

RECEPTION HOSPITAL.

Case Fatality, 1907.

Case Fatality Per Cent.—Those Dying Within 48 Hours Deducted, by Diseases, Age Periods, and Time Elapsed Previous to Admission.

Days of Disease Elapsed Previous to Admission.	Cases Terminated*—Those Dying Under 48 Hours Deducted.				Deaths—Those Dying Under 48 Hours Deducted.				Case Fatality Per Cent.			
	Under 2 Days.	2-5 Days.	Over 5 Days.	Total.	Under 2 Days.	2-5 Days.	Over 5 Days.	Total.	Under 2 Days.	2-5 Days.	Over 5 Days.	Total.
Diphtheria—												
Under 2 years	2	2	1	5	.....	.....	1	1	.....	.....	100	20
2-4 years	2	4	4	10	.....	1	1	2	.....	25	25	20
5-14 years	2	4	4	10	.....	.....	2	2	.....	.....	50	20
Over 15 years	.....	4	2	6	.....	1	1	2	.....	25	50	33.33

2-4 years	4	6	2	12	.....	[illegible]	.....			[illegible]	.....	[illegible]
5-14 years	6	2	5	13	.....	.....	.....	.....	.....	.....	.....	.....
Over 15 years	.....	4	4	8	.....	.....	.....	.....	.....	.....	.....	.....
Measles—												
Under 2 years	.....	2	2	4	.....	1	2	3	.....	50	100	75
2-4 years	1	1	2	4	.....	.....	1	1	.....	.....	50	25
5-14 years	2	2	.....	4	1	.....	.....	1	50	.....	.....	25
Over 15 years	.....	4	.....	4	.....	1	.....	1	.....	25	.....	25
Varicella—												
Under 2 years	3	1	.....	4	.....	.....	.....	.....	.....	.....	.....	.....
2-4 years	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
5-14 years	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Over 15 years	2	3	.....	5	.....	.....	.....	.....	.....	.....	.....	.....
Pertussis—												
Under 2 years	.....	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....
2-4 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5-14 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Over 15 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
German Measles—												
Under 2 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2-4 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5-14 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Over 15 years	1	1	1	3	.....	.....	.....	.....	.....	.....	.....	.....

* Cases dying or discharged.

TABLE 90—(*Continued*).

Days of Disease Elapsed Previous to Admission.	Cases Terminated*—Those Dying Under 48 Hours Deducted.				Deaths—Those Dying Under 48 Hours Deducted.				Case Fatality Per Cent.			
	Under 2 Days.	2-5 Days.	Over 5 Days.	Total.	Under 2 Days.	2-5 Days.	Over 5 Days.	Total.	Under 2 Days.	2-5 Days.	Over 5 Days.	Total.
Cerebro-spinal Meningitis—												
Under 2 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2-4 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5-14 years	.....	.....	1	1	.....	.....	1	1	.....	.....	100.	100.
Over 15 years	1	.....	9	10	.....	.....	8	8	.....	.....	88.88	80.
Diphtheria and Scarlet Fever—												
Under 2 years	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....
2-4 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5-14 years	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Over 15 years	.....	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....
Diphtheria and Measles												
Under 2 years	1	1	2	4	1	.....	1	2	100.	.....	50.	50.
2-4 years	.....	1	1	2	.....	1	.....	1	.....	100.	.....	50.
5-14 years	1	1	1	3	.....	.....	.....	.....	.....	.....	.....	.....
Over 15 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Diphtheria and Varicella—												
Under 2 years	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....
2-4 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5-14 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Over 15 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Diphtheria and Pertussis—												
Under 2 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2-4 years	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
5-14 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Over 15 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Scarlet Fever and Measles—												
Under 2 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2-4 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5-14 years	.....	1	1	2	.....	1	.....	1	.....	100.	.....	50.
Over 15 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Scarlet Fever and Varicella—												
Under 2 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2-4 years	.....	1	.....	1	.....	1	.....	1	.....	100.	.....	100.
5-14 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Over 15 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Scarlet Fever and Pertussis—												
Under 2 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2-4 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5-14 years	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Over 15 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Measles and Pertussis—												
Under 2 years	2	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....
2-4 years	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
5-14 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Over 15 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

* Cases dying or discharged.

TABLE 90—(*Continued*).

Days of Disease Elapsed Previous to Admission.	Cases Terminated*—Those Dying Under 48 Hours Deducted.				Deaths—Those Dying Under 48 Hours Deducted.				Case Fatality Per Cent.			
	Under 2 Days.	2-5 Days.	Over 5 Days.	Total.	Under 2 Days.	2-5 Days.	Over 5 Days.	Total.	Under 2 Days.	2-5 Days.	Over 5 Days.	Total.
Diphtheria and German Measles—												
Under 2 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2-4 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5-14 years	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Over 15 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
For observation—												
Under 2 years	7	5	5	17	.....	2	.....	2	.....	40	.....	11.76
2-4 years	5	6	6	17	.....	.....	2	2	.....	.....	33.33	11.76
5-14 years	6	10	5	21	.....	.....	.....	.....	.....	.....	.....	.....
Over 15 years	10	25	13	48	.....	.....	2	2	.....	.....	15.38	4.16
Accompanying—												
Under 2 years	11	.....	.....	11	1	.....	.....	1	9.09	.....	.....	9.09
2-4 years	3	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....
5-14 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Over 15 years	22	.....	.....	22	.....	.....	.....	.....	.....	.....	.....	.....

* Cases dying or discharged.

TABLE 91.

WILLARD PARKER HOSPITAL.

Case Fatality, 1907.

Case Fatality Per Cent.—Those Dying Within 48 Hours Deducted, by Diseases, Age Periods, and Time Elapsed Previous to Admission.

Days of Disease Elapsed Previous to Admission.	Cases terminated*—Those Dying Under 48 Hours Deducted.				Deaths—Those Dying Under 48 Hours Deducted.				Case Fatality Per Cent.			
	Under 2 Days.	2-5 Days.	Over 5 days.	Total.	Under 2 Days.	2-5 Days.	Over 5 Days.	Total.	Under 2 Days.	2-5 Days.	Over 5 Days.	Total.
Diphtheria—												
Under 2 years	22	185	46	253	8	90	26	124	36.36	48.64	56.52	49.01
2-4 years	22	286	82	390	6	71	11	88	27.27	24.82	13.41	22.56
5-14 years	26	189	52	267	1	14	2	17	3.84	7.41	3.84	6.36
Over 15 years	16	197	55	268	....	2	3	5	....	1.01	5.41	1.86

* Cases dying or discharged.

TABLE 92.

SCARLET FEVER HOSPITAL.

Case Fatality, 1907.

Case Fatality Per Cent.—Those Dying Within 48 Hours Deducted, by Diseases, Age Periods, and Time Elapsed Previous to Admission.

Days of Disease Elapsed Previous to Admission.	Cases Terminated*—Those Dying Under 48 Hours Deducted.				Deaths—Those Dying Under 48 Hours Deducted.				Case Fatality Per Cent.			
	Under 2 days.	2-5 Days.	Over 5 days	Total.	Under 2 days.	2-5 Days.	Over 5 days.	Total.	Under 2 days.	2-5 Days.	Over 5 Days.	Total.
Scarlet Fever—												
Under 2 years	5	25	14	44	1	12	3	16	20.	48.	21.42	36.36
2-4 years	36	162	105	303	5	19	14	38	13.88	11.72	13.33	12.54
5-14 years	46	329	257	632	3	17	14	34	6.57	5.16	5.44	5.37
Over 15 years	13	128	62	203	....	5	3	8	....	3.90	4.83	3.94
Diphtheria and Scarlet Fever—												
Under 2 years	....	4	4	8	....	4	1	5	....	100	25.	62.50
2-4 years	....	2	15	17	....	2	5	7	....	100	33.33	41.17
5-14 years	....	9	14	23	....	....	1	1	....	....	7.14	4.34
Over 15 years	....	1	2	3	....	....	....	....	....	....	....	....

* Cases dying or discharged.

RIVERSIDE HOSPITAL.

Case Fatality, 1907.

Case Fatality Per Cent.—Those Dying Within 48 Hours Deducted, by Diseases, Age Periods, and Time Elapsed Previous to Admission.

Days of Disease Elapsed Previous to Admission.	Cases Terminated*—Those Dying Under 48 Hours Deducted.				Deaths—Those Dying Under 48 Hours Deducted.				Case Fatality Per Cent.			
	Under 2 Days.	2-5 Days.	Over 5 Days.	Total.	Under 2 Days.	2-5 Days.	Over 5 Days.	Total.	Under 2 Days.	2-5 Days.	Over 5 Days.	Total.
Diphtheria—												
Under 2 years	2	48	12	62	.....	10	2	12	.....	20.83	16.66	19.35
2-4 years	24	76	30	130	2	12	3	17	8.66	15.65	10.00	13.07
5-14 years	12	48	32	92	.....	6	2	8	.....	12.50	6.25	8.69
Over 15 years	3	50	14	67	.....	2	.....	2	.....	4.00	.....	2.98
Scarlet Fever—												
Under 2 years	8	9	20	37	.....	.....	.....	.....	.....	.....	.....	.....
2-4 years	20	62	30	112	.....	9	4	13	.....	14.51	13.33	11.60
5-14 years	16	107	36	159	.....	4	8	12	....	3.73	22.22	7.54
Over 15 years	.....	24	18	42	.....	.....	1	1	.....	.....	5.55	2.38
Measles—												
Under 2 years	34	82	50	166	6	24	25	55	17.64	29.26	50.00	33.13
2-4 years	40	106	38	184	6	6	3	15	15.00	5.66	7.89	8.15
5-14 years	40	85	24	149	3	2	3	8	7.50	2.35	12.50	5.36
Over 15 years	4	86	6	96	.....	4	.....	4	.....	4.65	.....	4.16

* Cases dying or discharged.

TABLE 93—(*Continued*).

Days of Disease Elapsed Previous to Admission.	Cases Terminated*—Those Dying Under 48 Hours Deducted.				Deaths—Those Dying Under 48 Hours Deducted.				Case Fatality Per Cent.			
	Under 2 Days.	2-5 Days.	Over 4 Days.	Total.	Under 2 Days.	2-5 Days.	Over 5 Days.	Total.	Under 2 Days.	2-5 Days.	Over 5 Days.	Total.
Tuberculosis—												
Under 2 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2-4 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5-14 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Over 15 years	.....	.....	265	265	.....	.....	101	101	.....	.....	38.11	38.11
Diphtheria and Scarlet Fever—												
Under 2 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	.....
2-4 years	.....	2	2	4	.....	1	.....	1	.....	50.00	.....	25.00
5-14 years	3	.....	1	4	1	.....	.....	1	33.33	.....	.....	25.00
Over 15 years	.....	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....
Diphtheria and Measles—												
Under 2 years	3	12	20	35	2	5	9	16	66.66	41.66	45.00	45.71
2-4 years	3	16	19	38	3	7	9	19	100.00	43.75	47.36	50.00
5-14 years	.....	8	10	18	.....	2	4	6	.....	25.00	40.00	33.33
Over 15 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Diphtheria and Varicella—												
Under 2 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2-4 years	.....	1	.....	1	.....	1	.....	1	.....	100.00	.....	100.00
5-14 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Over 15 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[illegible] years	.....	3	3	6	.....	1	1	2	.....	33.33	20.00	25.00
2-4 years	.....	3	1	4	.....	1	.....	1	.....	33.33	.....	25.00
5-14 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Over 15 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Scarlet Fever and Varicella—												
Under 2 years	.....	2	1	3	.....	.....	.....	.....	.....	.....	.....	.....
2-4 years	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
5-14 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Over 15 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Scarlet Fever and Pertussis—												
Under 2 years	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
2-4 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5-14 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Over 15 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

* Cases dying or discharged.

TABLE 94.

KINGSTON AVENUE HOSPITAL.

Case Fatality, 1907.

Case Fatality Per Cent.—Those Dying Within 48 Hours Deducted, by Diseases, Age Periods, and Time Elapsed Previous to Admission.

Days of Disease Elapsed Previous to Admission.	Cases Terminated*—Those Dying Under 48 Hours Deducted.				Deaths—Those Dying Under 48 Hours Deducted.				Case Fatality Per Cent.			
	Under 2 Days.	2-5 Days.	Over 5 Days.	Total.	Under 2 Days.	2-5 Days.	Over 5 Days.	Total.	Under 2 Days.	2-5 Days.	Over 5 Days.	Total.
Diphtheria—												
Under 2 years	11	33	6	50	6	14	1	21	54.54	42.42	16.66	42.00
2-4 years	13	110	16	139	1	24	6	31	7.69	21.81	37.50	22.30
5-14 years	33	97	22	152	1	8	.....	9	3.03	8.24	.....	5.92
Over 15 years	22	87	19	128	.....	2	.....	2	.....	2.29	.....	1.56
Scarlet Fever—												
Under 2 years	6	3	5	14	6	2	2	10	100.00	66.66	40.00	71.42
2-4 years	51	81	49	181	10	15	5	30	19.60	18.51	10.20	16.57
5-14 years	73	210	126	409	4	13	4	21	5.47	6.19	3.17	5.13
Over 15 years	18	89	20	127	.....	4	2	6	.....	4.49	10.00	4.72
Measles—												
Under 2 years	119	71	20	210	34	30	4	68	28.57	42.25	20.00	32.38
2-4 years	207	140	57	404	34	25	5	64	16.42	17.85	8.77	15.84
5-14 years	169	84	47	300	15	.....	2	17	8.87	.....	4.25	5.66
Over 15 years	49	49	18	116	1	1	.....	2	2.04	2.04	.....	1.72

2-4 years	1	.....	2	3	.....	.....	.....	.....	.....	.....	.....	.....
5-14 years	2	4	2	8	.....	.....	1	1	.....	.....	50.00	12.50
Over 15 years	3	25	23	51	.....	3	.....	3	.....	12.00	.....	5.88
Varicella—												
Under 2 years	9	6	1	16	1	.....	.....	1	11.11	.....	.....	6.25
2-4 years	12	9	5	26	.....	.....	.....	.....	.....	.....	.....	.....
5-14 years	2	5	.....	7	.....	.....	.....	.....	.....	.....	.....	.....
Over 15 years	3	3	2	8	.....	.....	.....	.....	.....	.....	.....	.....
German Measles—												
Under 2 years	3	1	.....	4	.....	.....	.....	.....	.....	.....	.....	.....
2-4 years	4	2	.....	6	1	.....	.....	1	25.00	.....	.....	16.66
5-14 years	7	4	.....	11	.....	.....	.....	.....	.....	.....	.....	.....
Over 15 years	5	9	1	15	.....	.....	.....	.....	.....	.....	.....	.....
Mumps—												
Under 2 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2-4 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5-14 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Over 15 years	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Diphtheria and Scarlet Fever—												
Under 2 years	1	2	.....	3	.....	2	.....	2	.....	100.00	.....	66.66
2-4 years	2	4	3	9	1	1	2	4	50.00	25.00	66.66	44.44
5-14 years	.....	7	1	8	.....	2	.....	2	.....	28.57	.....	25.00
Over 15 years	.....	1	.....	1	.....	1	.....	1	.....	100.00	.....	100.00

* Cases dying or discharged.

TABLE 94—(*Continued*).

Days of Disease Elapsed Previous to Admission.	Cases Terminated*—Those Dying Under 48 Hours Deducted.				Deaths—Those Dying Under 48 Hours Deducted.				Case Fatality Per Cent.			
	Under 2 Days.	2-5 Days.	Over 5 Days.	Total.	Under 2 Days.	2-5 Days.	Over 5 Days.	Total.	Under 2 Days.	2-5 Days.	Over 5 Days.	Total.
Diphtheria and Measles—												
Under 2 years	4	3	1	8	2	.....	.....	2	50.00	.....	.....	25.00
2-4 years	13	17	5	35	1	7	3	11	7.69	41.17	60.00	31.42
5-14 years	2	5	1	8	.....	1	.....	1	.....	20.00	.....	12.50
Over 15 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Diphtheria and Varicella—												
Under 2 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2-4 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5-14 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Over 15 years	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Diphtheria and Pertussis—												
Under 2 years	.....	3	.....	3	.....	1	.....	1	.....	33.33	.....	33.33
2-4 years	.....	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....
5-14 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Over 15 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Scarlet Fever and Measles—												
Under 2 years	1	1	1	3	.....	.....	.....	.....	.....	.....	.....	.....
2-4 years	19	17	5	41	2	3	1	6	10.52	17.64	20.00	14.63
5-14 years	10	3	2	15	2	1	1	4	20.00	33.33	50.00	26.66
Over 15 years	1	.....	1	2	.....	.....	.....	.....	.....	.....	.....	.....

Scarlet Fever and Varicella—												
Under 2 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2-4 years	1	1	.....	2	1	1	.....	2	100.00	100.00	.....	100.00
5-14 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Over 15 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Scarlet Fever and Pertussis—												
Under 2 years	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
2-4 years	.....	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....
5-14 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Over 15 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Measles and Pertussis—												
Under 2 years	1	3	2	6	1	3	1	5	100.00	100.00	50.00	83.33
2-4 years	6	4	.....	10	2	.....	.....	2	33.33	.....	.....	20.00
5-14 years	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Over 15 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Measles and Varicella—												
Under 2 years	1	2	.....	3	.....	1	.....	1	.....	50.00	.....	33.33
2-4 years	.....	2	1	3	.....	.....	.....	.....	.....	.....	.....	.....
5-14 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Over 15 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
Measles, Scarlet and Pertussis—												
Under 2 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2-4 years	1	.....	.....	1	1	.....	.....	1	100.00	.....	.....	100.00
5-14 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Over 15 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

* Cases dying or discharged.

TABLE 94—(*Continued*).

Days of Disease Elapsed Previous to Admission.	Cases Terminated*—Those Dying Under 48 Hours Deducted.				Deaths—Those Dying Under 48 Hours Deducted.				Case Fatality Per Cent.			
	Under 2 Days.	2-5 Days.	Over 5 Days.	Total.	Under 2 Days.	2-5 Days.	Over 5 Days.	Total.	Under 2 Days.	2-5 Days.	Over 5 Days.	Total.
Measles, Diphtheria and Pertussis—												
Under 2 years	.....	1	.....	1	.....	1	.....	1	.....	100.00	.....	100.00
2-4 years	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
5-14 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Over 15 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
For Observation—												
Under 2 years	1	2	.....	3	.....	1	.....	1	.....	50.00	.....	33.33
2-4 years	.....	.....	1	1	.....	.....	1	1	.....	.....	100.00	100.00
5-14 years	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Over 15 years	.....	3	.....	3	.....	.....	.....	.....	.....	.....	.....	.....
Accompanying—												
Under 2 years	.....	.....	.....	11	.....	.....	.....	1	.....	.....	.....	9.09
2-4 years	.....	.....	.....	2	.....	.....	.....	1	.....	.....	.....	50.00
5-14 years	.....	.....	.....	11	.....	.....	.....	.....	.....	.....	.....	.....
Over 15 years	.....	.....	.....	325	.....	.....	.....	1	.....	.....	.....	30.00

* Cases dying or discharged.

The following table (Table 95) shows the number of cases of infection occurring within the hospitals of the Department during the year under review.

TABLE 95.

Cases of Infection Within Hospitals, 1907.

	Willard Parker.	Scarlet Fever.	Riverside.	Kingston Avenue.
Cases of measles developing more than 14 days after admission	14	38	....	36
Cases of scarlet fever developing more than 10 days after admission	8	....	....	36

TUBERCULOSIS SANATORIUM AT OTISVILLE.*

The work done at the Department Sanatorium for Tuberculosis at Otisville, N. Y., is summarized in the following tables (Tables 96 to 100). The total number of patients treated during the year was 272. Of these 59 were incipient, 186 moderately advanced and 27 far advanced cases. Of the last class one died, six improved, nine were still under treatment, and one was discharged with the disease in a progressive condition. Much better results were obtained, however, in the other two classes of patients, especially in the incipient cases in which over twenty per cent. were apparently cured, about thirteen per cent. showed the disease in an arrested or stationary condition on discharge, while 37.29 per cent. were improved and only 1.69 per cent. were discharged with the disease in a progressive state.

The other tables referring to the work of the Sanatorium show the services rendered in terms of patient-days (patients multiplied by number of days residence); the duration of the patients' stay at Otisville, and the places to which they were discharged.

TABLE 96.

Otisville Sanatorium—General Statement, 1907.

	Remaining December 31, 1906.	Admitted.			Total Treated.	Discharged.	Died.	Transferred To.		Remaining December 31, 1907.
		New.	Transferred From							
			Hospital.	Number.				Hospital.	Number.	
Tuberculosis.....	50	201	Riverside...	21	272	137	1	Riverside... Bellevue....	20 2	112

* The report of the Otisville Sanatorium is grouped for convenience with that of the Division of Hospitals.

TABLE 97.

Otisville Sanatorium—Service Rendered, 1907.

	Patients.	Patient Days.	Average Day per Patient.	Largest Number at One Time.	Smallest Number at One Time.	Average Patients per Day.
Tuberculosis	272	28,210	103.71	119	48	77.29

TABLE 98.

Otisville Sanatorium—Patients Treated and Condition When Discharged, * 1907.

	Total Cases Treated 1907.	Discharged.				Deaths.	Transferred.	Under Treatment December 31, 1907.
		Apparently Cured.	Arrested.	Improved.	Progressive.			
Number—								
Incipient	59	12	8	22	1	....	1	15
Moderately advanced	186	11	4	68	4	....	11	88
Far advanced	27	....	....	6	1	1	10	9
	272							
Percentage—								
Incipient	100	20.34	13.56	37.29	1.69	....	1.69	25.43
Moderately advanced	100	5.91	2.15	36.56	2.15	....	5.92	47.31
Far advanced	100	....	....	22.23	3.70	3.70	37.04	33.33

* The classification as to stage of disease, etc., is that adopted by the National Association for the Study and Prevention of Tuberculosis.

TABLE 99.

Otisville Sanatorium—Duration of Patients' Stay, 1907.

	By Discharge.	Deaths.	Transfers.	Number.	Per Cent.
Total patients discharged	137	1	22	160	100.00
Length of stay	....	....	....	....	....
Under 1 month	18	....	5	23	14.37
Over 1 month and under 3 months	38	....	10	48	30.00
Over 3 months and under 6 months	50	....	5	55	34.38
Over 6 months	31	1	2	34	21.25

TABLE 100.

Otisville Sanatorium—Places to Which Patients Discharged, 1907.

	By Discharge.	Deaths.	Transfers.	Number.	Per Cent.
Total patients discharged	137	1	22	160	100
Patients discharged to their homes	137	....	....	137	85.62
Patients discharged to other sanatoria	....	....	22	22	13.75
Patients discharged—death	....	1	....	1	.63

TRACHOMA HOSPITAL AND DISPENSARY.*

The following tables summarize the work done at the hospital and the dispensary for trachoma, maintained by the Department at One Hundred and Eighteenth street and at Gouverneur slip, respectively:

TABLE 101.

Trachoma Hospital and Dispensary—Number and Percentage of Apparent Cures, Six Months Ending December 31, 1907.

	Hospital.	Dispensary.
Cases treated—		
Trachoma: operative	673	304
Trachoma: non-operative	1,948	3,867
Other contagious eye diseases	428	637
Discharged apparently cured—		
Trachoma: operative	162	45
Trachoma: non-operative	132	262
Other contagious eye diseases	55	29
Percentage of those treated discharged apparently cured—		
Trachoma: operative	24.07	14.80
Trachoma: non-operative	6.77	6.78
Other contagious eye diseases	12.85	4.55

* The report of these institutions is grouped for convenience with the report of the Division of Hospitals.

TABLE 102.

Trachoma Hospital and Dispensary—Examinations, Diagnoses and Treatments, Six Months Ending December 31, 1907.

	Hospital.	Dispensary.
Examinations—		
Examinations for diagnosis	2,594	5,318
Diagnoses—		
Cases rejected as non-contagious	218	510
Cases found: trachoma	1,948	4,171
Cases found: other contagious eye diseases	428	637
Total	2,594	5,318
Treatments—		
Trachoma: operative	673	304
Trachoma: post-operative	780	11,595
Trachoma: non-operative	19,560	34,425
Other contagious eye diseases	1,555	2,741
Total	22,568	49,065
Largest number in one day	260	865
Average number per day	200	348

OFFICE OF THE SECRETARY AND THE CHIEF CLERK.

The following is a statement of the work performed in the office of the Secretary and the Chief Clerk during the year 1907:

Finances of the Department.

The following appropriations were approved by the Board of Estimate and Apportionment for the support and maintenance of the Department of Health, during the year 1907.

TABLE 103.

Statement of Appropriations.

Title.		Amount.
Salaries—Board of Health and Executive Officers.....		$59,820.00
Salaries of Officers, Clerks, Inspectors and other Employees:		
Offices of Assistant Chief Clerks.....	$59,588.00	
Corporation Counsel	5,250.00	
Sanitary Superintendent, Manhattan.....	14,750.00	
Assistant Sanitary Superintendents.....	75,500.00	
Division of Contagious Diseases.....	171,010.00	
Division of Inspections.....	165,180.00	
Chemical Laboratory, Manhattan.....	14,700.00	
Registrar and Bureau of Records.....	58,720.00	
Drug Laboratory	6,750.00	
Willard Parker Hospital.....	80,054.00	
Reception Hospital	10,572.00	
Trachoma Hospital	23,850.00	
Riverside Hospital	90,858.00	
Kingston Avenue Hospital.....	100,636.00	
Tuberculosis Sanatorium, Otisville.....	40,092.00	
		$917,510.00
Bacteriological Laboratory		90,310 00
Medical School Inspectors and Nurses.....		250,250 00
Salaries, Sanitary Police.....		95,000 00
Supplices and Contingencies.....		44,073 00
Removal of Night Soil, Offal and Dead Animals.....		69,880 00
Disinfection—Supplies, etc.....		68,050 00
Hospital Fund—Supplies		178,226 66
Support of Ambulance Service.....		28,100 00
Laboratory Fund, Manhattan.....		20,000 00
Abatement of Nuisances		1,600 00
Tuberculosis Fund—Supplies.....		25,000 00
		$1,847,819 66

Statement of Revenue Bond Funds issued during the year 1907, for the purposes specified, and also to provide for lack of funds, caused by the insufficiency of appropriations:

TABLE 104.

Revenue Bond Funds Authorized.

Date.	Purpose.	Amount.
April 25, 1907	Draining and filling in marsh lands (Staten Island)	$25,000 00
June 21, "	Supplies and contingencies, deficiency in appropriation 1907	40,000 00
" 7, "	Supplies new scarlet fever pavilion, Willard Parker Hospital	35,000 00
" 7, "	Supplies for tuberculosis clinics (Manhattan, The Bronx, Brooklyn)	7,500 00
" 21, "	Hospital fund supplies, deficiency in appropriation 1907	50,000 00
" 7, "	Purchase of supplies, tuberculosis sanatorium, Otisville	35,000 00
" 7, "	Salaries, new scarlet fever pavilion, Willard Parker Hospital	30,000 00
Nov. 8, "	Salaries, office of assistant chief clerks	3,232 81
" 8, "	Salaries, division of inspections	16,785 90
" 8, "	Salaries, division of contagious diseases	16,795 34
" 8, "	Salaries, registrar and bureau of records	3,107 33
" 8, "	Willard Parker Hospital, salaries	3,357 43
" 8, "	Salaries, Riverside Hospital	11,144 22
" 8, "	Salaries, Kingston Avenue Hospital	7,023 05
Sept. 20, "	Salaries, Bacteriological Laboratory	63,000 00
" 20, "	Expenses incurred account of strike in Department of Street Cleaning	62,500 00
		$409,446 08

No Corporate Stock was authorized for the use of the Department of Health during the year 1907.

The annual estimate of the amount required for the maintenance of the Department during 1908 was prepared during June and July and presented to the Board of Estimate and Apportionment on July 15, 1907.

After examination by representatives of the Comptroller, and by the Committee of the Bureau of Municipal Research, the sum of $2,279,849.50 was allowed and included in the Budget for 1908, as against $1,847,819.66 allowed in the Budget for 1907, an increase of $432,029.84.

The condition of the accounts was pronounced satisfactory by the investigators, but a radical change was recommended in the preparation

of the Budget for the year 1908, with a view towards installing a uniform method of accounting in each City Department during that year.

TABLE 105.

Comparative Statement of the Moneys Received Through the Various Financial Resources of the Department of Health During the Period from 1902 to 1907, Inclusive.

Year.	Appropriation.	Bond Issue.	Sales of Laboratory Products.	Care and Maintenance of Immigrants.	Total.
1902	$984,391 48	$242,662 50	$32,048 13	$35,272 00	$1,294,374 11
1903	1,034,391 48	230,600 00	21,432 91	33,726 00	1,320,150 39
1904	1,109,391 48	429,458 00	28,383 61	24,256 00	1,591,459 09
1905	1,259,391 48	422,397 88	32,368 32	47,546 00	1,761,703 68
1906	1,344,396 66	576,257 50	25,638 08	86,580 00	2,032,872 24
1907	1,847,819 66	409,446 08	34,964 04	96,562 00	2,388,791 78

Salary Expenditures, 1907.

Year.	Expended.	Total Employees.	Number of Physicians.
1907	$1,603,535 52	2,195	583

TABLE 106.

Tabulated Statement of Cash Received in the Transaction of the Business of the Department During 1907, Deposited in Banks and Transmitted to the City Chamberlain or to the Trustees of the Health Department Pension Fund, as Follows:

1907.	Care of Immigrants.	Antitoxin.	Virus.	Searches and Transcripts.	To City Chamberlain.	Pension Moneys.	To Trustees of Pension Fund.
January	$13,140 00	$3,937 56	$469 31	.....	$17,546 87	$2,898 00	$2,898 00
February	7,580 00	2,428 54	501 78	.....	10,510 32	4,227 40	4,227 40
March	3,746 00	2,494 30	654 18	.....	6,894 48	3,317 60	3,317 60
April	.....	2,602 25	732 35	.....	3,334 60	3,193 38	3,193 38
May	3,306 00	2,276 72	966 59	.....	6,549 31	3,821 05	3,821 05
June	4,968 00	2,464 13	1,266 32	$741 50	9,439 95	6,840 13	6,840 13
July	10,842 00	1,606 59	462 72	1,985 40	14,896 71	2,549 00	2,549 00
August	16,058 00	1,231 04	560 82	1,835 80	19,685 66	1,741 62	1,742 62
September	10,442 00	989 28	1,075 04	1,630 70	14,137 02	1,253 50	1,253 50
October	8,132 00	1,730 72	955 14	1,734 80	12,552 66	2,141 02	2,141 02
November	3,060 00	1,745 87	575 69	1,892 20	7,273 76	3,244 25	3,244 25
December	6,046 00	1,699 98	831 12	1,792 60	10,369 70	6,791 72	6,791 72
Totals	$87,320 00 *	$25,206 98	$9,051 06	$11,613 00	$133,191 04	$42,018 67	$42,018 67

* Total $87,320 shows actual cash receipts during 1907. Amount $96,562 on previous table shows accrued earnings for the "Care and Maintenance of Immigrants" credited to appropriations. The apparent difference in the amounts is due to the fact that $13,140 December, 1906, account was collected in January, 1907, and $22,382 December, 1907, account was collected in February, 1908.

SUMMARY.

	Received.		Disbursed.
Care of immigrants	$87,320 00	To Chamberlain	$133,191 04
Antitoxin	25,206 98	To Trustees of Pension Fund	42,018 67
Virus	9,051 06		
Searches and Transcripts	11,613 00		
Pension moneys	42,018 67		
Totals	$175,209 71		$175,209 71

All moneys collected by the Department are received in this office. The money is derived from the following sources, viz.: The sale of Laboratory Products; The Care, Maintenance and Transportation of Immigrants; Fines and Penalties for Violations of the Sanitary Code, and Transcripts of the Records of the Department. The money received for Laboratory Products and that for the Care and Maintenance of Immigrants is paid over to the City Chamberlain each month, and added to the Department appropriations. The fees derived from transcripts of Department Records prior to May 28, 1907, which were paid to the Trustees of the Health Department Pension Fund, are now paid monthly to the City Chamberlain and are credited to the General Fund for the redemption of the City debt, pursuant to chapter 373, Laws of 1907, dated May 28, 1907. The money received for fines and penalties and that from employees who have signified their intention, in writing, of taking advantage of the provisions of the Health Department Pension Law and contributing one per centum of their respective salaries, is added to the Health Department Pension Fund.

ACCOUNTS OF THE DEPARTMENT.

The established system of accounting includes principally the keeping of the following books:

Appropriation Ledger—Showing the various appropriations allowed by the Board of Estimate and Apportionment in the Annual Budget, and such additional sums as may be obtained from the sale of Revenue Bonds and Corporate Stock for the maintenance of the Department; also, liabilities incurred and forwarded to the Department of Finance for payment.

Liability Books—Showing the estimated and actual expense incurred in each transaction, so that the condition of each account may be determined at any time.

Monthly Balance Book—Showing at the termination of each month the financial condition of all appropriations, Revenue Bond and Corporate Stock accounts.

Payroll Ledgers—One for each Borough, recording the name, compensation and time employed of each employee, as indicated by the monthly payroll.

Segregation Ledger—For statistical information, showing amount expended for any class of material or purpose, and the branch of the service incurring the same.

Record of Burial of Deceased Soldiers—Forwarding to the Department of Finance claims for the burial of deceased honorably discharged veterans.

The above books are not the only accounts kept in this office, but are specified as those containing a record of the most important financial transactions of the Department.

Trial balances are made monthly showing the liabilities and assets of the Department, a copy of which is forwarded each month to his Honor the Mayor for his information.

Systems are installed in the Stationery Office, the Drug Laboratory and the Storehouse at Otisville, N. Y., which govern the receipt and distribution of supplies in these Divisions.

Horse Register.

A record is kept, containing a full description of each horse, giving the number, color, age, special marks, where stabled, and work performed, which shows that the Department owns the following horses, distributed as follows:

Antitoxin Stable, Borough of Manhattan	23
Other places, Borough of Manhattan	19
Borough of The Bronx	14
Borough of Brooklyn	23
Borough of Queens	10
Borough of Richmond	7
Tuberculosis Sanatorium, Otisville	25
Total Horses used in Departmental work	121

Typewriter Register.

The following is a record of all typewriting machines used in the Department in the various Boroughs:

Table 107.

Typewriters.

	Oliver.	Remington.	Underwood.	Smith Premier.	Royal.	Monarch.	Elliott Hatch.	Total.
Borough of Manhattan	37	13	18	2	1	1	2	74
Borough of The Bronx	1	4	3	..	3	1	..	12
Borough of Brooklyn	11	5	2	..	1	2	..	21
Borough of Queens	1	2	2	..	..	..	..	5
Borough of Richmond	1	1	1	..	1	..	..	4
Otisville	2	1	.	..	..	..	..	3
Total	53	26	26	2	6	4	2	119

Department Telephones.

Telephones are installed in the private residences of certain officials and employees to facilitate the transaction of official business of the Department. Those desiring to use the same for personal business are required to pay to the Department the usual rates charged by the telephone company, an account of which is rendered to them each month. It has been found necessary to establish in the various Boroughs of the City the following telephones:

Borough of Manhattan	30
Borough of Brooklyn	23
Borough of The Bronx	13
Borough of Queens	7
Borough of Richmond	5
Otisville, N. Y	1
Total telephones installed	79

Telephone Receipts.

The following amounts were received from employees for the use of official telephones for private business during the year 1907, which were deducted from the bills of the telephone company before they were certified to the Comptroller for payment, representing a saving to the Department of the sum of $837.46.

Table 108.

Telephone Receipts.

	Foreign Calls.	Local Calls.	Total.
Borough of Manhattan	$142.50	$363.79	$506 29
Borough of The Bronx	38.10	46.50	84.60
Borough of Brooklyn	118.35	65.05	183.40
Borough of Queens	28.25	8.60	36.85
Borough of Richmond	8.65	4.25	12.90
Otisville, New York	7.10	6.32	13.42
	$342.95	$494.51	$837.46

Auditing of Bills.

All bills contracted by the Department are rendered in triplicate, stamped with date of receipt by the Division incurring the expense, and certified to the effect that the articles or services enumerated have been received, examined and found correct, and are for the exclusive use of the Department, one bill being retained in that office for filing, and two returned to the office of the Chief Clerk, where they are charged against the proper appropriations, one being filed with the requisition, the other forwarded to the Department of Finance for payment, after having been approved by the Board of Health.

Considerable delay in auditing still continues, owing to the failure of the various Divisions of the Department to certify and to forward promptly the necessary bills which accompany the delivery of merchandise. It was the intention to establish during 1907 a new system for the purpose of tracing all bills received and placing the responsibility for any delay which might occur, but owing to the great increase in the

work of the office it was not deemed advisable to adopt the system until an additional clerical force be provided.

The number of bills received, audited and forwarded to the Department of Finance for payment during the year 1907 was approximately 40,000.

Burial of Deceased Veterans.

The duty of auditing claims for the interment of deceased honorably discharged soldiers, sailors and marines, and their wives, devolved upon this Department in accordance with an opinion of the Corporation Counsel, rendered in February, 1906.

The following claims have been audited and forwarded to the Department of Finance for payment during 1907:

Table 109.

Burial of Deceased Veterans.

Place of Death.	Year of Death.	Number.	Amount of Claims.	Totals.
New York County	1901	..	.....	
"	1902	..	.....	
"	1903	..	.....	
"	1904	1	$35 00	
"	1905	2	70 00	
"	1906	28	980 00	
"	1907	85	2,975 00	
		116	$4,060 00	$4,060 00
Kings County	1903	1	$35 00	
"	1904	2	70 00	
"	1905	1	35 00	
"	1906	21	735 00	
"	1907	65	2,275 00	
		90	$3,150 00	3,150 00
Queens County	1905	1	$35 00	
"	1906	3	105 00	
"	1907	5	175 00	
		9	$315 00	315 00

TABLE 109—(*Continued.*)

Place of Death.	Year of Death.	Number.	Amount of Claims.	Totals.
Richmond County	1906	4	$140 00	
"	1907	4	140 00	
		8	$280 00	280 00
Total	.....	223	.....	$7,805 00

DEPARTMENT PAYROLLS.

The payrolls of the various Boroughs and of the hospitals of the Department are prepared monthly, recording the name, residence, designation and compensation and time employed, certified by the proper officials, charged against the appropriate accounts, approved by the Board, certified by the Civil Service Commission, and forwarded to the Department of Finance for payment.

TABLE 110.

Employees of the Department.

Schedule of Total Number of Employees in the Service of the Department of Health in the Various Boroughs on December 31, 1907, with a Statement of Their Aggregate Annual Compensation (Exclusive of Sanitary Police, $89,000).

Borough of	Number.	Amount.
Manhattan.		
Officers, clerks and other employees	684	$667,087 80
Hospital service	287	126,474 60
Total	971	$793,562 40
The Bronx.		
Officers, clerks and other employees	91	$75,306 84
Hospital service	262	109,628 42
Total	353	$184,935 26

TABLE 110—(*Continued.*)

Borough of	Number.	Amount.
Brooklyn.		
Officers, clerks and other employees	294	$237,810 60
Hospital service	208	109,133 76
Total	502	$346,944 36
Queens.		
Officers, clerks and other employees	65	$59,650 20
Total	65	$59,650 20
Richmond.		
Officers, clerks and other employees	89	$61,606 22
Total	89	$61,606 22
Otisville.		
Hospital service	150	$67,837 08
Total	150	$67,837 08
Officers, clerks and other employees	1373	$1,101,461 66
Hospital service	757	413,073 86
Totals	2130	$1,514,535 52

PENSION FUND.

The Board of Trustees of the Health Department Pension Fund consists of the members of the Board of Health, one of whom is chosen to be Chairman, and one elected as Secretary, annually. Said Board of Trustees is charged with the duty of receiving, investing and administering all funds derived from fines and penalties for violations of the Sanitary Code and Health Laws.

Pensions are granted to employees disabled by reason of performance of duty and to widows or minors of employees who die from disease or injury suffered in the discharge of duties, and for services of a period of twenty years, upon application of such employee.

Chapter 373, Laws of 1907, which became a law May 28, 1907, amends the Health Department Pension Fund Law. Under its provisions the pension fund consists of (a) all moneys collected from fines and penalties for the violation of the Sanitary Code of Health Laws in the City of New York; (b) one per centum of the salaries of participating employees. The money received from searches and transcripts of the records of the Department which, prior to May 28, 1907, was paid over to the Trustees of the Health Department Pension Fund is now paid monthly to the City Chamberlain and is credited to the general fund for the redemption of the City debt.

The sum of $114,625.87 was on deposit in the Knickerbocker Trust Company, drawing 4 per cent. interest, to the credit of the Board of Trustees of the Health Department Pension Fund on October 22, 1907, when the bank suspended payment. The bank is now in the hands of a temporary receiver, pending an arrangement with a committee representing the various depositors, with a view to a reorganization and the reopening of the bank.

A report in detail of the condition of said fund is submitted to his Honor the Mayor annually, in the month of January.

TABLE III.

PENSION FUND—RECEIPTS.

Report of the Condition of the Health Department Pension Fund for the Year 1907, Showing Receipts and Disbursements During that Period.

Month, 907.	Attorney's Costs.	Searches and Transcripts of Births Marriages and Deaths.	Fines and Penalties.	Assessments Participating Employees.	Interest.	Totals.
January	$37 00	$1,989 50	871 50	.....	.....	$2,898 00
February	17 00	1,813 40	2,397 00	.....	.....	4,227 40
March	19 50	1,955 10	1,343 00	.....	.....	3,317 60
April	42 50	2,014 63	1,136 25	.....	.....	3,193 38
May	32 00	1,638 60	2,150 45	.....	.....	3,821 05
June	35 00	.....	2,222 51	.....	4,582,62	6,840 13
July	.....	.....	2,549 00	.....	.....	2,549 00
August	245 50	.....	429 02	1,067 10	.....	1,741 62
September	30 00	.....	159 00	1,064 50	.....	1,253 50
October	30 00	.....	1,069 01	1,042 01	.....	2,141 02
November	67 00	.....	3,176 75	.....	.....	3,244 25
December	22 00	.....	1.742 25	1,048 96	3,978 51	6,791 73
Total	$578 00	$9,411 23	$19,245 74	$4,222 57	$8,561 13	$42,018 67

January 1, 1907—

Cash on deposit with Knickerbocker Trust Company, at 4 per cent. $158,786 39

Cash on deposit with Windsor Trust Company, at 4 per cent., as shown on preceding annual report..... 64,037 34

Grand total $264,842 40

TABLE 112.

Pension Fund—Disbursements.

Names	Date of Retirement.	Pension Period, 1907.	Amount.
William B. Fernhead	Dec., 1903	January 1 to December 31	$1,050 00
F. H. Dillingham	May, 1903	January 1 to December 31	1,200 00
John T. Nagle	July, 1895	January 1 to December 31	1,200 00
Sarah Terhune	May, 1897	January 1 to December 31	300 00
Jacob A. Weil	Mar., 1898	January 1 to December 31	850 00
Ed. I. Gallagher	Oct., 1898	January 1 to December 31	750 00
Frank W. Lester	July, 1900	January 1 to December 31	750 00
Helen B. Drain	Aug., 1900	January 1 to December 31	300 00
William H. Vermilye	Nov., 1900	January 1 to December 31	600 00
George F. Morris	Feb., 1901	January 1 to December 31	900 00
Roger S. Tracy	April, 1901	January 1 to December 31	1,200 00
Mrs. B. T. Steinsieck	Dec., 1901	January 1 to December 31	300 00
John Schnell	Dec., 1901	January 1 to July 30 (died)	348 39
Bartholomew McGowan	June, 1902	January 1 to December 31	525 00
Robert Hixon	Sept., 1903	January 1 to December 31	240 00
J. A. Jennings	Mar., 1904	January 1 to December 31	1,200 00
Sarah A. Clarke	July, 1904	January 1 to December 31	300 00
Asa R. Dimock	Oct., 1904	January 1 to December 31	900 00
Frank Wickham	May, 1905	January 1 to December 31	1,200 00
Celia B. McLaughlin	July 1905	January 1 to December 31	360 00
Thomas F. Fay	Oct., 1905	January 1 to December 31	1,200 00
Magdelena Walker	Oct., 1905	January 1 to December 31	300 00
George F. Schrady, Jr.	Dec., 1905	January 1 to December 31	900 00
Mrs. Julia L. Mahoney	Dec., 1905	January 1 to December 31	300 00
Harry E. Bramley	Nov., 1905	January 1 to December 31	1,200 00
Mrs. Margaret Gately	July, 1906	January 1 to December 31	300 00
Fred A. Jewett	Aug., 1906	January 1 to December 31	1,200 00
Thomas Glacher	Aug., 1906	January 1 to December 31	450 00
John Finnegan	Dec., 1906	January 1 to December 31	300 00
New Pensioners, 1907.			
Phillip Schnell	Jan., 1907	January 1 to December 31	525 00
Charles S. Benedict	Jan., 1907	January 1 to December 31	1,200 00
John T. Turner	May, 1907	May 1 to December 31	800 00
Samuel P. Cropper	April, 1907	April 1 to December 19 (died)	450 00
Charles F. Roberts	July, 1907	July 1 to December 31	1,250 00
Mrs. Matilda Conroy	July, 1907	July 1 to December 31	150 00
Havens B. Bayles	Sept., 1907	September 1 to December 31	200 00
Mary C. McManus	Oct., 1907	October 3 to December 31	73 39
Total paid pensioners, 1907			$25,271 78

December 31, 1907—

On deposit with Knickerbocker Trust Company, at 4 per cent...	$114,625.87
On deposit with Windsor Trust Company, at 4 per cent.....	93,692.52
On deposit with Empire Trust Company, at 4 per cent.....	31,252.23
	$264,842.40

There is due the estate of Samuel P. Cropper, a deceased pensioner, who died December 19, 1907, $171.77, amount of pension accrued from October 1 to December 19, 1907.

CONTRACTS.

Pursuant to the provisions of Section 419 of the Charter, contracts by public letting must be made for work to be performed and supplies to be furnished for the use of the Department, where the supplies and work are of a similar character, and the amount involved exceeds the sum of $1,000.

Contracts were executed for furnishing the following supplies to the various offices, buildings, hospitals and clinics of the Department during the year 1907.

TABLE 113.

Contracts.

Supplies.	Amount.
Butter	$11,413.03
Bread	5,804.59
Fish	2,099.14
Mineral Water	2,323.75
Groceries	17,875.67
Disinfectants	6,051.24
Milk	29,920.43
Meat	51,596.88
Vegetables	6,982.52
Eggs	7,082.93
Ice	5,410.63
Coal	56,842.80
Forage	10,950.28
Drugs	14,027.66
Druggist Sundries	6,009.00
Lumber, Timber, Paints, and Hardware	21,468.64
Coffee	1,871.36

TABLE 113—(*Continued.*)

Gowns, Hoods, Uniforms, Etc.	3,197. 2
Textiles	4,432. 5
Alcohol	4,757. 34
Whiskey	840.00
Crockery	4,677 80
Horses	3,240.00
Iron Cribs	2,700.00
Sewer Pipes, etc., Otisville, New York	1,614 40
	$283,189.91
Pipe and Fittings, Kingston Avenue Hospital	1,450.00
	$284,639.91

The above schedule does not include a number of awards, each of which amounted to less than $500, therefore not requiring a formal contract.

Wherever the present system of inspection has shown the need of a more specific description of the supplies to be contracted for, the change has been incorporated in the contract form for the succeeding year, and samples of a higher grade were purchased to be used as standards when required; thus the quality of the supplies delivered continues to improve annually.

The following contract forms for furnishing supplies during 1908, were prepared and printed for advertisement and award:

Milk,	Butter,
Bread,	Coal (steamboats),
Fish,	Groceries,
Ice,	Food Supplies, Otisville Sanatorium,
Mineral Waters,	Drugs,
Vegetables,	Chemicals,
Fruits,	Laboratory Apparatus,
Cheese,	Eggs,
Meats,	Forage.

Contracts were approved for the removal of night soil, offal and dead animals, etc., for the year 1907, for a period of five years ending with 1909. These contracts were advertised and awarded in 1905, as follows:

TABLE 114.

Contractor.	Covering Boroughs of	Annual Cost.
McKeever & Company	Brooklyn and Queens	$31,200 00
M. J. & J. F. White	Manhattan, The Bronx, Richmond	38,680 00
Total		69,880 00

The following contracts for the construction of new buildings, alterations, improvements, etc., were entered into during 1907:

TABLE 115.

Construction of and Location.	Contractor.	Cost.
Erecting fence, Kingston Avenue Hospital	Chas. Meads Co	$12,840 00
Installing Underground Conduit System, Willard Parker Hospital	Gore, Duggan Eng. Company	14,324 00
Erecting extension to laundry building, Riverside Hospital	Stoddard & Hughes	29,991 00
Regulating and grading walks and driveways, Willard Parker Hospital	Kelly & Kelley	10,200 00
Erecting office building, Borough of Brooklyn	P. Gallagher	252,900 00
Installing steam cooking apparatus (Otisville)	Earl & Cook Co	1,600 00
Installing boilers, laundry machinery, etc. (Otisville)	Earl & Cook Co	9,420 00
Repairs to department building (Manhattan)	Abram Kaplan	1,160 00
Repairs to steamboat "Edson"	Burlee Dry Dock Co	3,780 00
Total		$336,215 00

Contracts were entered into with the following architects for their services in preparing plans and specifications for the construction of the improvements indicated below:

TABLE 116.

Description and Location.	Architect.	Estimated Fees.
Plans, etc., extension to laundry building	Westervelt & Austin	$2,000 00
Services, isolation building, Kingston Avenue Hospital	Percy Griffin	7,500 00
Services, relating to shacks and cottages, Otisville, New York	J. V. Van Pelt	2,000 00
Total		$11,500 00

Contract forms were also prepared and printed for the construction of the following improvements, not as yet advertised nor awarded: Alterations to Drug Laboratory; Isolation Pavilions, Kingston Avenue Hospital; two automobiles; one automobile chassis.

PURCHASE OF SUPPLIES.

The number of requisitions received for the purchase of supplies, etc., for use in the various branches of the Department during the year 1907, amounted to 5,090, involving an expenditure of $785,256.26, as compared with the year 1906, when the cost was $716,599.89, showing an increase of $68,656.37 expended for supplies over the previous year.

In purchasing supplies for the use of the Department, requisitions properly certified by the executive officers of the different Boroughs are received in the office of the Chief Clerk, examined and presented to the President of the Board of Health for approval and authority to incur the expense. Estimates are then obtained from reputable business concerns or manufacturers, if possible, and the order given to the lowest bidder. Should the amount exceed the sum of $1,000.00 the supplies are purchased by contract, the result of public bidding.

INSPECTION OF SUPPLIES.

During the year 1907 there were 5,090 requisitions received on which inspections were made.

Upon receipt of goods at the various Institutions they are held until the same have been inspected and passed by the Inspector before being placed in stock, note being made on tissue copy of the order for recording in the office of the Chief Clerk, for the purpose of checking the bills. Perishable supplies, such as meat, fish, grocery supplies, fruits, vegetables, etc., which are furnished on monthly orders on an open requisition, are subject to the same inspection, and are rejected when found necessary.

The Departmental divisions from which requisitions were received, include the following: Hospitals, laboratories and offices in the various Boroughs. Requisitions were forwarded as follows:

TABLE 117.

Requisitions.

Department Building, Fifty-first street and Sixth avenue....	1,497
Borough of The Bronx.....	190
Borough of Brooklyn.....	300
Borough of Queens.....	150
Borough of Richmond.....	240
Research Laboratory	468
Chemical Laboratory	154
Vaccine Laboratory	42
Drug Laboratory	155
Riverside Hospital	480
Willard Parker Hospital	310
Reception Hospital	25
Trachoma Hospital	168
Kingston Avenue Hospital.....	404
Department Stable, foot of East Sixteenth street..	67
Tuberculosis Sanatorium, Otisville, New York.....	440
	5,090

The average number of items on each of the above-mentioned requisitions, 5,090, were approximately sixty (60) and the number of orders issued were about five (5) on each requisition, making a total of 25,450 orders issued and 305,400 items inspected.

The inspector visits each of the Hospitals, Laboratories, Offices, etc., at least once a week, making thorough inspection of the goods received and rejecting those which do not conform to the Department standards and the specifications set forth when the estimate is requested.

During the year several contractors endeavored to deliver a poor quality of merchandise, to the hospitals and laboratories. Measures were promptly taken to compel them to fulfill their respective contracts in accorlance with the specifications and the standard samples, after which the goods delivered were of a satisfactory character.

The inspection of supplies has proved a great economy in many ways; the force formerly consisted of one man, and was totally inadequate to cover all the institutions. Consequently, it was found necessary to detail an additional inspector to this particular branch of the service.

A new feature of the inspection of meats, fish, poultry, eggs and grocery supplies, furnished under contract, was added to these methods by having the deliveries examined and passed upon by the Meat and Food Inspectors attached to the Sanitary Bureau, in addition to the inspection made by the Inspectors attached to this office and the matrons of the various institutions.

Inspectors of Construction and Repairs.

The work performed by the four Sanitary Inspectors, who are assigned to the office of the Chief Clerk to supervise the construction of new buildings and repairs and alterations to old buildings, was as follows:

Willard Parker and Reception Hospitals.

Curbing and paving with bricks and wooden blocks the walks and driveways of the grounds.

Installation of a refrigerating plant in the new Research Laboratory.

Installation of electric wiring system with fixtures for lighting the grounds and providing buildings with telephone, fire alarm and watchman's detector service.

Painting all outside iron work, sheet metal work and woodwork of the Willard Parker Hospital and new Research Laboratory.

Painting throughout the second floor of the Antitoxin Building and the halls and stairway down to the entrance door.

New water closet and cistern, complete, installed on second floor of Antitoxin Building.

Electric heating system installed in Chemical Laboratory on third floor of Research Laboratory.

Doors of rooms of Chemical Laboratory furnished and fitted with Yale locks and master key.

Specifications made for new Laboratory and store rooms for the Chemical Laboratory.

Alterations to new dormitory for female help on second and third floors over Disinfecting Station finished.

The alteration and conversion of the old Reception Hospital boiler house into a kitchen with all modern appointments finished.

Wagon shed adjoining Ambulance Station furnished with a new gutter.

New urinal installed on first floor of Ambulance Station and plumbing on first and third floors repaired.

Horse-run in Ambulance Station furnished with new plank flooring and same covered with rubber hose, throughout.

New platform and scales erected on roof of coal storage structure for the purpose of weighing coal when delivered at the dock by boat.

New sideboard installed in Nurses' dining-room in Administration Building.

The 6-inch lead-calked cast-iron pipe underground between the Scarlet Fever Pavilion and Minturn Hospital was removed on recommendation of this Department and replaced by 2-inch galvanized-iron screw pipe. Work done by Minturn Hospital authorities.

Bronze tablets have been attached to the wall in vestibules of Administration Building and front walls of new Research Laboratory and Scarlet Fever Pavilion.

New gas brackets furnished in the basement and on the several floors of the Scarlet Fever Pavilion.

New wire-mesh guards furnished in the front windows opening from the basement of the Willard Parker Hospital, Administration Building and Scarlet Fever Pavilion.

Kingston Avenue Hospital.

New Measles Building being erected.

Addition to Nurses' Home being erected.

Morgue Building has been completed.

New iron fence being erected on the Kingston Avenue and Winthrop street sides of the property.

Temporary frame structures erected on the tent platform.

Plans for four permanent isolation buildings completed.

Considerable grading and filling in of the grounds has been done.

Steam, water and gas piping was extended and much painting and repairing done by employees on the plant.

North Brother Island.

Addition to Laundry Building planned and work under way.

South porches of Pavilion No. 1 were enclosed with glass for use as solariums.

Several of the main roadways were paved with brick during the year.

Considerable painting and repairing in buildings was done.

Otisville, New York.

New Dairy Building completed.

Two new one-story shacks were erected.

Work on Laundry equipment was begun.

Pump House was erected.

Water Supply and drainage systems largely completed.

Two Ice Houses were completed.

Alterations were made in the Infirmary Building.

Otis House Dining Hall and Store House.

Plans for additions to Dining Hall were made.

Plans for additional shacks were completed.

Main Office Building, Manhattan.

Specifications and plans were made for additional store rooms in the cellar, first and third floors; for additional electric work; for painting, papering and alterations in various parts of the building and the clinic.

Borough of Brooklyn.

Work for the erection of a new office building for the Borough of Brooklyn was begun by excavating and taking out the cellar space.

Drug Laboratory, Manhattan.

Lighting system was installed throughout the building and general painting and repairs made.

General.

Additional heating radiators were installed in The Bronx Office Building.

Specifications were made and work done in alterations of building used for the Clinic, in Jay street, Borough of Brooklyn.

Specifications made for filling in and enclosing vacant and sunken lands to abate nuisances.

Specifications were made for installing electric lights in Trachoma Hospital and Clinics at One Hundred and Eighteenth street and Pleasant avenue and at Gouverneur slip.

Wire guards were placed in halls, and some general repairs and painting done at the Trachoma Hospital, One Hundred and Eighteenth street and Pleasant avenue.

Trachoma Clinic at Gouverneur slip was enlarged and a sewer connection put in with plumbing fixtures.

Specifications were made for installing additional lighting in the Brooklyn and Queens offices.

Specifications for painting and repairs were made for improving the Disinfecting Station and Stable in the Borough of Richmond.

Books, Blanks and Stationery.

During the past year 217 special requisitions for printed blanks and stationery supplies were made on the Board of City Record, requiring the printing of over seven million blanks which were ordered for the Boroughs as follows:

TABLE 118.

Printing of Blanks.

Manhattan	5,061,425
The Bronx	294,450
Brooklyn	1,407,300
Queens	229,700
Richmond	154,450
Total	7,147,325

The annual requisition submitted in August for 1908 was much larger than the previous year, as shown by the following schedule:

TABLE 119.

	Books.	Lithograph Blanks.	Printed Blanks.	Book Pages.	Grand Total, 1908.	Ordered in 1907.
Manhattan	1,078	531,900	4,434,100	266,500	5,232,500	4,686,982
The Bronx	68	81,700	373,075	17,000	471,775	470,220
Brooklyn	620	153,000	1,522,150	155,000	1,830,150	1,194,912
Queens	24	30,000	259,005	6,000	295,005	166,120
Richmond	28	47,000	73,440	7,000	127,440	112,109
Total	1,818	843,600	6,661,770	451,500	7,956,870	6,630,343

This increase is principally due to the changing of the blanks by the Bureau of Municipal Research. Consequently, many of the old forms had to be destroyed and new ones ordered to replace them.

All blanks and stationery when ordered were promptly delivered, with the exception of several large special requisitions which were not allowed by the Board of City Record.

The altering of proofs is a matter requiring careful attention. Requisitions are made for blanks and the form drawn up and when the printer submits the proof for approval, in many instances the wording

and form of the blank is completely changed, requiring new proofs to be submitted, in some cases as many as six proofs have been submitted by the printer before the blanks were found to be satisfactory and approved by the Chief of the Division. This usually necessitates an unnecessary delay and extra expense to the City for labor, resetting type, etc.

It is suggested that in the future, when blanks are asked for, samples in triplicate be prepared by one thoroughly familiar with the necessary form and wording of the blank required, so that it will not be necessary to have the entire make-up of the blank changed and therefore avoid unnecessary expense and delay.

During the past year this Borough has had to supply the Borough offices with many printed blanks ordered for the Manhattan supply, owing to the failure of the Boroughs to order blanks required, on the annual requisition.

It is suggested that a competent person be designatel in each Division to prepare all blanks and forms and to examine all proofs, which should be submitted to the executive officer in charge of the Bureau and approved by him before requisition is made for the quantity required. This would result in having all blanks uniform in each Borough.

The present system in use in this office for filing copies of printed blanks, and of keeping a record of stock on cards, has proved a success and has greatly facilitated the work of keeping the stationery accounts.

Storing facilities for printed blanks and stationery will be much improved when the new store room that has been completed in the cellar of this buiding, is passed upon and accepted. The buiding of this store room was recommended in the annual report for 1906 and contract was given out last October, but the work has not been accepted and passed upon by the Inspector of Construction, owing to certain details of the work which were not properly finished.

Storehouses.

The following table shows the work performed at the storehouse established at the Riverside Hospital, North Brother Island, during the year ending December 31, 1907:

TABLE 120.

Storehouse, Riverside Hospital.

Requisitions filed by Storekeeper	3,830
Average number of items on each requisition	8
Average total number of items for year	30,640
Number of requisitions drawn on headquarters	540
Number of condemned articles	4,900
Estimated value of supplies distributed	$25,000 00

The following table shows the work performed at the storehouse established at the Tuberculosis Sanatorium, Otisville, New York, during the year ending December 31, 1907:

TABLE 121.

Storehouse, Otisville.

Requisitions filed by Storekeeper	3,772
Average number of items on each requisition	11
Total number of items averaged	38,231
Estimated value of supplies distributed	$62,104 73
Requisitions drawn on headquarters	547
Number of articles condemned	2,123

The storehouse system having proved practical, it was the intention during the year 1907 to install a storekeeper under the supervision of this office, at the Willard Parker Hospital after the completion of the storehouse at that institution. On completion of the storehouse, however, it was found to be entirely too small and inadequate for the needs of the hospitals located at the foot of East Sixteenth street; consequently, the receipt and distribution of supplies still continues under the supervision of the matron of the Hospital. It was also the intention to erect a storehouse at the Kingston Avenue Hospital, and plans were prepared, but have not as yet been approved by the Board of Health.

Sale and Distribution of Department Products, Vaccine Virus, Antitoxin, Etc.

There are in operation at this time 316 antitoxin stations in the Greater New York, divided as follows:

Borough of Manhattan	177
Borough of The Bronx	38
Borough of Brooklyn	67
Borough of Queens	26
Borough of Richmond	8
	316

Table 122.

Antitoxin.

Stock and ledger accounts, January 1, 1907	$18,277 48	
Value of antitoxin received from laboratory	152,766 45	
	$171,043.93	
Less antitoxin to replace old stock	8,060 45	
		$152.983 48
Free distribution	$122,628 35	
Cash	16,156 98	
Discount to agents	1,431 83	
On sale with agents and ledger accounts	20,747 42	
Stock on hand	2,018 90	
		162,983 48

Preventive Hydrophobia Treatments.

Amount receivable on January 1, 1907	$2,121 00	
Treatments reported during year	10,512 00	
		$12,633 00
Cash receipts		9,050 00
Amount due December 31, 1907		$3,583 00

Table 123.

Vaccine Virus.

Stock and ledger accounts, January 1, 1907	$2,054 52	
Value of vaccine virus from laboratory	36,902 60	
		$38,957 12
Less virus to replace old stock		5,529 65
		$33,427 47

Brought forward		$33,427 47
Free Distribution	$18,373 15	
Cash	9,051 06	
Discount to Agents	3,159 71	
On Sale with Agents and Ledger Accounts	2,246 60	
Stock on hand	596 95	
		$33,427 47

On May 1, 1906, the Research Laboratory instituted new grades and prices and a method whereby antitoxin was prepared for use in syringe containers. This required the installation of a new bookkeeping and accounting system which has doubled the work of the office, without any increase whatever in the clerical force, which was promised when the system was installed, the clerks being required daily to exceed the official office hours of the Department to complete the work of the day. These conditions continued during the entire year 1907.

Attention is also directed to the fact that only one Inspector of antitoxin stations is employed to inspect, make collections and furnish stock to the 316 stations already established, which is inadequate to insure proper supervision. The appointment of an additional Inspector for this purpose was recommended to the Board during the early part of the year.

Department Hospitals.

Statement of expenditure of the various Hospitals controlled by this Department during 1907, showing total cost of operation and maintenance and average per capita cost for each Hospital:

Table 124.

*Cost of Maintenance of Hospitals.**

Expenditures.	Willard Parker and Reception.	Trachoma.	Riverside.	Kingston Avenue.	Otisville.
Foods and food supplies	44,515 02	2,600 79	57,277 74	42,934 90	20,726 94
Drugs, instruments and pharmaceutical supplies	1,212 48	312 77	625 14	738 12	490 89
Furniture and supplies, including fuel, engineers' supplies, telephone charges, carpenters' and gardeners' supplies, etc.	25,875 27	803 21	43,224 19	32,375 90	30,495 64
Clothing, boots and shoes, bedding, etc.	27,325 19	455 40	14,746 79	15,696 51	19,468 10
Repairs and improvements to buildings and grounds	1,152 79	1,584 09	6,496 72	4,049 20	2,181 04
Salaries	118,640 10	23,802 36	101,901 99	105,757 37	39,921 83
Total	$218,720 85	$29,558 62	$224,272 57	$201,552 00	$113,284 44

	Williard Parker and Reception.	Trachoma.	Riverside.	Kingston Avenue.	Otisville.
Average daily census of patients for 1907	236.348	47.73	200.49	239.9875	118.
Daily cost of patients per capita	$2.535	$1.6967	$3.0647	$2.301	$2.63

* This cost includes the treatment of patients at the two Trachoma clinics.

Statement of the Work Performed in the Offices of the Assistant Chief Clerks in the Various Boroughs.

The following official reports, communications and applications, summarized and classified as to the subject matter, were received during the year ending December 31, 1907, in the office of the Assistant Chief Clerk, Borough of Manhattan, and submitted to the Board, through the Secretary, for consideration and final action:

Table 125.

Official Document Received.

Special reports and communications submitted to the Board of Health for action	828
Premises declared a public nuisance	1,008
Premises ordered vacated	243
Lodging-house permits granted	144
Cow permits granted	447
Mercantile permits granted	13
Miscellaneous permits granted	2,982
Permits denied	3,031
Permits revoked	2,524
Board orders extended or modified	402
Extension or modification of Board orders denied	604
Board orders rescinded	842
Delayed and imperfect certificates of births, marriages and deaths approved and ordered filed	2,927
Corrected certificates of births, marriages and deaths approved and ordered filed	1,015
Certificates of registration issued to master plumbers	125

Orders Issued by the Board of Health.

Orders of the Board for the abatement of nuisances are issued under the supervision of the Assistant Sanitary Superintendents in the various Boroughs, upon the facts and evidence contained in the written reports of the Sanitary Inspectors, the result of personal inspection of premises complained of. These orders call the attention of owners, lessees and agents to violations of the Sanitary Code and Health Laws in each case, and require the necessary alterations, repairs, cleaning and improvement of the premises named within three days from the receipt of

the order. If, upon re-inspection, it is found that the requirements of the order have not been complied with, a suit for penalty is commenced against the delinquents under sections 1172 and 1222, chapter 466, Laws of 1901.

Summary of clerical work performed in the various Boroughs in connection with the issuance of Board orders, negative reports filed, and fees paid and cetificates issued, the result of searching for sanitary violations against premises; also written references forwarded to other city Departments, as follows:

TABLE 126.

Board Orders.

Borough.	Board Orders Issued.	Negative Reports Filed.	References to Other Departments.	Searches Made and Certificates Issued.	Communications Received and Answered.	Fees Received.
Manhattan	14,625	7,409	1,373	1,784	1,349	$1,004 19
Brooklyn	6,752	6,012	1,969	185	41	294 50
The Bronx	3,187	1,851	532	438	143	169 00
Queens	2,739	818	392	9	9	4 50
Richmond	3,134	295	132	1	....	50
Total	30,437	16,385	4,398	2,417	1,542	$1,472 69

Searches and Transcripts of Births, Marriages and Deaths.

Certified copies of the records of Vital Statistics as may be found to be on file in the Bureau of Records are furnished to applicants authorized to receive same, namely, interested parties, next of kin, legal representatives, etc., upon payment of the fee in such cases prescribed by the Board of Health. Written orders are signed by the Assistant Chief Clerk in the various Boroughs and issued to the Assistant Registrar of Records, authorizing the search and issuance of a transcript of the record, which, in accordance with the regulations of the Board is authenticated by affixing the seal of the Department of Health, and attested by the signature of the Assistant Chief Clerk of the Borough. When search is made and the record is not found to be on file, an official certificate is issued to that effect.

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Table 125.

Official Document Received.

Special reports and communications submitted to the Board of Health for action	838
Premises declared a public nuisance	1,008
Premises ordered vacated	243
Lodging-house permits granted	144
Cow permits granted	447
Mercantile permits granted	13
Miscellaneous permits granted	2,982
Permits denied	3,031
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Summary of applications for searches made to the Assistant Chief Clerks in the various Boroughs, showing fees received and work performed in connection with searches and transcripts of the records of births, marriages and deaths on file in the Bureau of Records in the Department:

TABLE 127.

Searches and Transcripts.

Borough.	Applications for Searches.	Transcripts Signed and Authenticated.			Not Found Certificated Issued.	Communications Received and Answered.	Fees Received.
		Births.	Marriages.	Deaths.			
Manhattan	24,335	2,232	2,541	19,357	3,158	5,350	$12,526 80
Brooklyn	12,595	532	1,263	10,928	1,242	622	6,359 10
The Bronx	2,606	92	164	2,973	60	152	1,308 80
Queens	1,124	75	67	1,194	54	260	570 60
Richmond	435	24	32	401	32	94	215 70
Total	41,095	2,955	4,067	34,853	4,546	6,478	$20,981 00

Written Acknowledgment of Complaints Received.

All mail matter and letters addressed to the Department of Health are carefully scrutinized, and those in which complaints are made relative to matters within the jurisdiction of the Department, and giving the names and addresses of the authors, are promptly acknowledged. Those requiring the attention of other City Departments are acknowledged and immediately forwarded for such action as may be found necessary.

Statement of the number of written complaints received and answered in the various Boroughs:

TABLE 128.

Written Complaints.

Manhattan	4,568
Brooklyn	2,850
The Bronx	609
Queens	903
Richmond	524
Total	9,454

Money Disbursed.

Statement of the disbursements of moneys in the various Boroughs by the Assistant Chief Clerks, showing the total and the amounts in detail; also the purpose for which the disbursements were made, as follows:

TABLE 129.

Disbursements.

Borough.	Department Pay-rolls.	Hospital Pay-rolls.	Postage Stamps and Incidental Expenses.
Manhattan	$750,431 76	$118,111 29	$32,500 00
Brooklyn	252,415 11	105,507 59	5,050 00
The Bronx	73,711 77	101,672 09	1,000 00
Queens	58,213 75	.....	1,150 00
Richmond	60,775 63	.....	449 99
Total	$1,195,548 02	$325,290 97	$40,149 99

III.—BUREAU OF RECORDS.

Report of the Bureau of Records for the year 1907:

POPULATION.

The estimated population of the City for the year 1907 was 4,285,435, based upon the rate of increase shown by the New York State Census of 1905, and the Federal Census of 1900. The estimates by Boroughs are as follows: Manhattan, 2,232,828; The Bronx, 308,256; Brooklyn, 1,448,095; Queens, 220,836, and Richmond, 75,420.

GENERAL STATISTICS.

BIRTHS.

The number of births reported during the year reached the high figure of 120,720, thus exceeding the 111,722 births reported in 1906 by 8,998; 68,186 were reported by physicians and 52,536 by midwives; 895 twin and seven triple births were reported. Undoubtedly quite a number still escape registration, but there is every reason to hope that full and complete returns will be obtained within the next few years. The birth rate recorded for the Greater City in the year of its organization, 1898, was 24.12 per 1,000 of the population, and that of the year just closed was 28.17, the highest birth-rate in the history of the Greater City, an increase of over four points in ten years.

Within the limits of the former City of New York (the present Boroughs of Manhattan and The Bronx) there were 74,258 births reported, giving a birth-rate of 29.22 per 1,000, the highest rate on record. There were 38,361 children born to native mothers, and 82,361 to foreign mothers, and as we have no means of ascertaining the number of native born and foreign females at *child-bearing ages* we are compelled

to have recourse to a birth-rate estimated upon the number of *femal at all ages,* which gives the following results:

Estimated number of native-born females	1,371,3
Number of births with native-born mothers	38,3
Birth rate per 1,000 native-born females at all ages	27.9
Estimated number of foreign-born females	788,5
Number of births with foreign-born mothers	82,3
Birth rate per 1,000 foreign-born females at all ages	104.4

It is obvious that the foreign mothers are not shirking the respor sibilities of sex, while the native-born mothers are willing and anxiou to forego to a considerable extent the honors, pride and happiness c motherhood. Corroboration of this statement is to be had by taking an one of the square blocks situate in the foreign colony sections of tl City and estimating the birth-rate therein. An "Italian" square bloc with over 5,000 inhabitants was credited with 244 births during th year 1907, giving a birth-rate of 47 per 1,000 of the population. In "Jewish" square block with population of 3,225, the births numbere 141, giving a rate of 43.7 per 1,000; on the other hand, in *ten squa blocks* in a neighborhood devoted almost exclusively to private res dences the population of which was 5,719, the births numbered 30 an the rate was 5.25 per 1,000, which is partly accounted for by the larg number of unmarried domestics living within this area, and the ag grouping of married females in private residential districts.

The following table gives the number of births and birth-rates i the Boroughs and City from 1898 to 1906:

Births Reported and Birth-Rates by Boroughs and City, 1898-1906.

Borough.	1898.		1899.		1900.		1901.		1902.	
	Number of Births.	Rate.	Number of Births.	Rate.	Number of Births.	Rate.	Number of Births.	Rate.	Number of Births.	Rate.
Manhattan	49,835	27.54	48,397	26.44	50,494	27.23	49,990	26.25	52,291	26.74
The Bronx	3,524	21.07	3,671	19.96	4,122	20.45	4,023	18.79	5,220	22.94
Brooklyn	21,395	15.54	21,203	18.73	22,572	19.34	22,182	18.40	23,507	18.91
Queens	2,826	20.62	2,943	20.27	3,084	20.07	3,127	19.32	3,198	18.76
Richmond	1,348	21.14	1,418	21.67	1,449	21.59	1,413	20.71	1,428	20.58
City of New York	78,928	24.12	77,632	23.13	81,721	23.71	80,735	22.72	85,644	23.36

Borough.	1903.		1904.		1905.		1906.		1907.	
	Number of Births.	Rate.	Number of Births.	Rate.	Number of Births.	Rate.	Number of Births.	Rate.	Number of Births.	Rate.
Manhattan	56,078	27.93	59,196	28.71	60,202	28.43	63,005	29.11	65,771	29.46
The Bronx	6,053	25.03	6,033	23.48	6,659	24.39	7,306	25.18	8,487	27.53
Brooklyn	27,292	21.29	28,859	21.89	30,972	22.73	34,538	24.59	38,632	26.68
Queens	3,802	21.18	3,871	20.48	4,355	21.87	5,050	24.08	5,825	26.38
Richmond	1,530	21.68	1,596	22.25	1,692	23.19	1,873	25.25	2,005	26.59
City of New York	94,755	25.06	99,555	25.52	103,880	25.81	111,772	26.91	120,720	28.17

MARRIAGES.

The marriages reported during the year 1907 numbered 51,097, against 48,355 in 1906, an increase of 2,742, all the Boroughs showing increases save that of Richmond, which showed a decrease of 6. This rate (11.92 per 1,000 of population) is the highest rate ever recorded in the history of the City, and reflects the extremely prosperous condition of the country in general and the City in particular. The monetary panic in the late fall had no effect upon the number of marriages reported, the percentage of marriages reported during November and December of 1907 being equal to that of corresponding months in 1906. The following table gives the number of marriages reported, and rates per 1,000, in the Boroughs and City since 1898:

Marriages Reported and Marriage Rates by Boroughs and City, 1898-1907.

Borough.	1898.		1899.		1900.		1901.		1902.	
	Number of Marriagee.	Rate.	Number of Marriages.	Rate.	Number of Marriages.	Rate.	Number of Marriages.	Rate.	Number of Marriages.	Rate.
Manhattan	20,118	11.12	20,836	11.36	21,979	11.85	22,895	12.02	24,766	12.67
The Bronx	651	3.89	904	4.92	948	4.69	1,067	4.80	1,227	5.03
Brooklyn	7,129	6.51	7,612	8.48	8,214	7.04	8,303	6.89	9,014	7.25
Queens	636	4.64	710	4.89	768	5.00	777	4.80	768	4.51
Richmond	351	5.50	412	6.30	428	6.38	405	5.93	432	6.23
City of New York	28,885	8.83	30,474	9.07	32,247	9.36	33,447	9.41	36,207	9.88

Borough.	1903.		1904.		1905.		1906.		1907.	
	Number of Marriages.	Rate.	Number of Marriages.	Rate.	Number of Marriages.	Rate.	Number of Marriages.	Rate.	Number of Marriages.	Rate.
Manhattan	25,911	12.90	26,500	12.85	28,408	13.42	32,342	14.87	33,829	15.15
The Bronx	1,354	4.76	1,465	4.97	1,820	6.67	2,027	6.99	2,268	7.36
Brooklyn	9,616	7.50	10,019	7.61	10,778	7.91	11,966	8.51	12,916	8.92
Queens	855	4.76	921	4.67	1,092	5.48	1,420	6.77	1,490	6.75
Richmond	438	6.21	531	7.40	573	7.86	600	2.09	594	7.88
City of New York	38,174	10.10	39,436	10.11	42,671	10.60	48,355	11.64	51,097	11.92

STILL-BIRTHS.

There were 7,351 still-births reported during the year 1907, with a rate of 1.60 per 1,000 of the population, against 6,646 during 1906, with a rate of 1.72 per 1,000.

DEATHS.

There were 79,205 deaths, with a rate of 18.48 per 1,000, in 1907, against 76,203, with a rate of 18.35 per 1,000, in the year 1906, an increase of 3,002 deaths or .13 of a point. The quinquennial average for the immediately preceding five years was 18.64, consequently, the rate for the year 1907 was lower by .16 of a point, or less than one-tenth of one per cent. lower than that for the years 1902-1906 inclusive, indicating that the mortality rate within very recent years has decreased but very little. One of the most important factors acting as a bar to a much larger decrease has been and is the presence in this City of an immense number of foreigners who neither speak nor read the English language, and it is especially among the children of these people that the death-rate is very high. The following table gives the death-rates of the City and its Boroughs since 1898, the year of the formation of the Greater City.

Borough.	1898.	1899.	1900.	1901.	1902.	1903.	1904.	1905.	1906.	1907.
Manhattan	20.28	19.77	20.97	20.22	18.80	18.43	20.53	18.74	18.32	18.51
The Bronx.....	22.42	20.23	21.58	22.40	21.69	19.70	24.98	20.25	21.64	20.69
Brooklyn	19.77	19.13	20.15	19.30	17.97	17.27	18.83	17.57	17.82	17.98
Queens	18.69	17.29	17.96	17.30	16.32	14.90	16.04	16.03	17.09	17.47
Richmond	20.48	19.45	20.53	19.71	18.48	17.29	20.25	19.04	20.06	21.31
City of New York.	20.36	19.47	20.57	19.90	18.58	17.95	20.01	18.32	18.35	18.48

In the following table the deaths of residents of each Borough which have occurred in a Borough other than the one of which they were residents at time of death have been distributed among the Boroughs according to residence, thus producing a corrected interborough mortality; for instance, in Manhattan Borough there occurred 940 deaths of residents of other Boroughs, and 1,543 deaths of residents of Manhattan

were reported in the other Boroughs, thus adding 603 deaths to Manhattan's total for the year.

Borough in Which Death Took Place.

Residents of	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	Total.
Manhattan	....	396	435	81	28	940
The Bronx	1,262	....	4	....	....	1,266
Brooklyn	83	3	....	113	4	203
Queens	65	7	96	....	....	168
Richmond	133	3	22	1	....	159
Increases	1,543	409	557	195	32	2,736
Decreases	940	1,266	203	168	159	2,736
Balance	603	857	354	27	127	....
Total deaths	41,319	6,379	26,043	3,857	1,607	....
Total corrected deaths	41,922	5,522	26,397	3,884	1,480	....
Corrected death rates	18.77	17.91	18.19	17.59	19.62	....

The lack of registration of deaths in the Boroughs of Queens and Richmond previous to the formation of the Greater City in 1898 has prevented the preparation of tables giving the mortality rates for the years previous to 1898; in consequence the table on page 813 has been prepared to show the decrease in the general death-rate in the greater part of the territory now covered by the Greater City; it gives the combined population, deaths and death-rates of the former City of New York and the former City of Brooklyn for a period of forty years. The rate for the year 1868 was 27.90 per 1,000, forty years later it had fallen to 18.56, a decrease of 9.34 per 1,000; in other words, if the death-rate of 1868 be applied to the population of the present Boroughs of Manhattan, Brooklyn and The Bronx, it would give the total number of deaths in 1907 as 111,300 deaths in lieu of the 74,041 deaths which actually occurred. In passing it may be mentioned that the age-constitution of the population of the City has remained almost constant with the exception of the ages above 55 years, a period of life in which a high mortality rate prevails. A glance at the decennial rates for

1868-'77 and 1898-'07 shows a decrease of 8.05 points per 1,000, or almost 30 per cent. The question naturally arises as to what causes have shown reductions in the mortality rates; were the reductions among the causes that this Department has devoted its skill and energy for forty years in controlling and subduing? Or was it among those that were outside the pale of official and sanitary interference? The tables printed on pages 702 to 705 answer the question unequivocally. Typhoid fever shows a decrease of 42 per cent. in its decennial rate of 1898-'07 as compared with that of '68-'77. Typhus fever has been entirely wiped out as a factor in the mortality tables. Malarial fever has decreased almost 90 per cent. in the decennial compared above, and at present is a negligible quantity in mortality tables. The mortality from small-pox, which caused the deaths of 48 out of every 100,000 of the population in the decennium of 1868-'77 fell to 7 per 100,000 in the decennium of 1878-'87, then to 3 in the next decennium, and finally in the past decennium to 2 per 100,000, a decrease between the first and last decennia of over 95 per cent. Twenty-eight out of 100,000 of the population died from measles in the decennium 1868-'77 against 20 in the past decennium, a decrease of 29 per cent. The mortality-rate per 100,000 from scarlet fever dropped from 91 in the decennium 1868-'77 to 20 in the last decade, a decrease of 78 per cent. Diphtheria and croup gave a death-rate per 100,000 in the decennium '68-'77 of 154, and in the past decade one of 53, a decrease of 66 per cent., that is, where 3 children died from this disease in the first decade, one died in the last decade; in 1894 the rate was 163 per 100,000, in 1895—the year of the introduction of diphtheria antitoxin—the rate was 127, in 1896 it was 86, since which year it has never reached 60, and during 1907 fell as low as 40.

The reduction in the death-rate from whooping cough equaled that of diphtheria and croup, 3 children died in the first decade from pertussis to one during the past decade.

The death-rate per 100,000 from pulmonary tuberculosis in the decennium 1868-'77 was 3.76; in the next one it decreased slightly to 3.58, in the third it fell considerably to 2.76, and in the last it went down to 2.24, a decrease of 40 per cent., comparing that of the first with that of the last decennium; the death-rate from tuberculous

diseases other than that of the lungs fell 21 per cent., if the rate of the second decennium (figures for the first decennium not obtainable) be compared with that of the fourth.

The death-rate per 100,000 of population from diarrheal diseases under 5 years of age fell from 348 in the first decennium to 156 in the last, a decrease of 55 per cent.

The foregoing causes of death are those that the Board of Health since its organization forty years ago have toiled and labored to eradicate if possible, and if not, to reduce their ravages to a minimum. How successful their labors have been is reflected in the foregoing statements, but we must not lose sight of the far greater value to the community of the addition to its stock in hand of greater physical well-being, of a vast amount disseminated hygienic knowledge and a willing compliance to sanitary regulations and laws.

On the other hand, we will find that those causes over which the Department of Health has not exercised control at any period of its existence have increased gradually until they have become most important factors in the mortality-rates, reference being made especially to the acute respiratory diseases, organic heart and kidney diseases, cancer and violence.

The death-rate per 100,000 of the acute respiratory diseases in the first decennium was 291 and in the last 315, an increase of 8 per cent.; the pneumonia figures alone show an increase of 25 per cent., but two-thirds of the increase is undoubtedly due to more accurate certification resulting in the transfer of many deaths formerly classified as acute bronchitis to the pneumonia column.

The cancer rates have increased from 39 per 100,000 in the ten years '68-'77 to 67 per 100,000 in the decade '98-'07; an increase of 72 per cent., part of which may be explained by more precise diagnosis and improved certification, but only part; other causes may be surmised at but no exact explanation has as yet been put forward; the increased consumption of animal food and stimulants, increased competition in the business life and insufficient exercise in the open air have their advocates, but no scientific data are at hand to accept these causes as positive factors in the increased mortality from this painful disease.

The rates from organic heart disease have gradually mounted up from 82 in the year 1877 to 170 in the year 1907, that is, in thirty years the mortality has doubled; the figures for the decennium '68-'77 are not at hand, but the rate of 111 per 100,000 in the decennium '78-'87 increased to 138 in the last decennium, an increase of 20 per cent.

The rate from chronic Bright's disease and nephritis has increased from 67 per 100,000 in the decennium '68-'77 to 139 in the decennium '98-'07, an increase of 107 per cent., that is, the rate has more than doubled.

The rate from violent deaths of 108 per 100,000 of the population in the decennium 1868-'77 diminished in the next decennium to 93, then increased to 112 in the following decennium and ascended to 119 in the decennium '98-'07, an increase of 10 per cent., comparing the first with the last decennium.

Death-rates of Children Under Five Years of Age.

In the year 1877 the death-rate of children under five years, based upon every thousand children living under those years, was 105.3, and in 1907 it was 52.4, a decrease of fifty per cent.; comparing the decennial rate of '78-'87, which was 97.8 per 100,000, with 58.0 the decennial rate for '98-'07, a decrease of 41 per cent. will be obtained.

If we consider for a moment the causes of death which have been touched upon in discussing the decreased mortality at all ages we will find that a large majority are such as affect children at the ages under 5 years, and in which the greatest reductions have taken place. Mention may be made of measles, scarlet fever, diphtheria and croup, diarrheal diseases under 5 years of age, whooping cough, other tuberculous diseases, and to a certain degree small-pox and malarial fever; the one disease which showed an increase was cerebro-spinal meningitis, an epidemic of which appeared in 1904, and reached its culminating point in 1905, the most serious and virulent epidemic of this disease of which we possess any record. It is to be hoped that the recent claims made for the specific antitoxin for the cure of this scourge will prove well founded.

Infantile Mortality.

This term is used to express the deaths of infants under one year of age, and is generally calculated upon 1,000 births occurring in the same year, but in nearly all the cities of the United States there is no complete registration of births, consequently calculations upon incomplete or imperfect returns would magnify the death-rate. In this City during 1907, 120,722 births were reported, but we are safe in assuming that the number of births occurring more nearly approximated the figures 130,000. The infantile death-rate calculation upon the births actually reported was 144 per 1,000 infants born. If calculated upon the assumption that 130,000 infants were born in 1907, then the rate would be 134. This latter rate compares favorably with those of the large cities of Europe, as follows:

Death-Rates Under One Year of Age. Per 1,000 Births.

	Year.	Rate.
London	1906	131
Liverpool	1906	172
Manchester	1906	167
Birmingham	1906	168
Berlin	1905	206
Vienna	1905	187
Paris	1905	111
England and Wales	1906	132
England and Wales (Urban Counties)	1906	143

If we examine the table printed on page 815 we will see that out of 185,888 deaths of children under one year of age reported in Old City of New York since 1890, i. e., during a period of *eighteen years,* 53,122 or 28.6 per cent., were attributed to diarrheal diseases; 37,504 or 20.2 per cent., to acute respiratory diseases (pneumonia and bronchitis); 53,498 or 28.8 per cent., to congenital diseases; 8,940 or 4.8 per cent., to the contagious diseases of infancy; 7,152 or 3.8 per cent., to that indefinite cause of death, convulsions (many of which probably are the result of natal conditions); 5,845 or 3.1 per cent., to simple meningitis; 4,804 or 2.6 per cent., to tuberculous diseases other than that of the lungs; 1,621 to syphilis, and 1,302 to erysipelas. Attention is called to the chart on page 829.

Comparison of Deaths of 1906 and 1907.

The following table shows the number of deaths from the principal causes in the entire City during the year and compares its mortality with that of 1906, indicating the increases and decreases:

Cause of Death.	1906.	1907.	Increase in 1907.	Decrease in 1907.
Typhoid fever	639	740	101	....
Malarial fever	64	69	5	....
Smallpox	6	9	3	....
Measles	1,145	728	....	417
Scarlet fever	491	796	305	....
Whooping cough	367	393	26	....
Diphtheria and croup	1,898	1,740	....	158
Influenza	241	714	473	....
Dysentery	142	116	....	26
Pulmonary tuberculosis	8,955	8,999	44	....
Other tubercular diseases	1,239	1,264	25	....
Cancer, sarcoma	3,005	3,227	222	....
Diabetes	652	664	12	....
Alcoholism	636	719	83	....
Diseases of nervous system	6,046	5,662	....	384
Diseases of circulatory system	6,951	8,788	1,837	....
Bronchitis, acute	1,319	1,048	....	271
Pneumonia (lobar and broncho)	10,868	11,806	938	....
Diarrheal diseases (under two years)	5,784	6,346	562	....
Diarrheal diseases (two years and over)	721	772	51	....
Other diseases of digestive system	3,158	3,186	28	....
Bright's disease and acute nephritis	6,108	5,685	....	423
Puerperal diseases	763	783	20	....
Congenital debility and malformations	4,600	4,742	142	....
Old age	890	683	....	207
Homicides	253	285	32	....
Suicides	707	710	3	....
Accidents	3,781	3,916	135	....
Ill-defined causes	969	697	....	272
All other causes	3,805	3,918	113	....
Total	76,203	79,205	5,160	2,158
Balance	3,002		3,002	

Typhoid Fever.

There were 101 more deaths reported from this cause in the entire City during 1907 than in 1906. This increase was distributed among the Boroughs as follows: Manhattan, 47; The Bronx, 4; Brooklyn, 41; Queens, 6; and Richmond, 3. In Manhattan the number of cases and deaths reported was 2,387 and 372 respectively, making a case-fatality of 15 per cent.; in The Bronx the number of cases reported was 384 and the deaths numbered 48, the case-fatality 12 per cent.; in Brooklyn the cases were 1,341, deaths 271 and fatality 20 per cent.; in Queens the cases were 171, the deaths 36 and the fatality 21 per cent.; in Richmond the cases were 143, the deaths 13 and fatality 9 per cent. The number of deaths in the City was 740 and the rate 1.73 per 10,000 against 639 deaths and a rate of 1.54 in 1906.

The following table shows the number of deaths and death-rates from typhoid fever per 10,000 in the Old City of New York (present Boroughs of Manhattan and The Bronx), and City of Brooklyn (present Borough of Brooklyn) for a period of 33 years; the fall in the rates in the former City of New York is undoubtedly a much greater one than that shown in the table, as many returns upon the certificates of death previous to the institution of the Widal test in the diagnosis of typhoid fever in 1896, gave malaria as the cause of death and many of these returns should have been classed under the heading of typhoid fever. The same may be said of the rate in the City of Brooklyn.

Deaths and Death Rates from Typhoid Fever, Old City of New York and City and Borough of Brooklyn, per 10,000, 1874-1907.

Year.	Old City of New York.			Brooklyn.		
	Deaths.	Death Rates.	Decennial Rates.	Deaths.	Death Rates.	Decennial Rates.
1874	305	2.96	....	81	1.74	....
1875	376	3.60	....	102	2.11	....
1876	325	3.02	....	97	1.94	....
1877	343	3.10	....	82	1.59	....
1878	321	2.81	3.44	59	1.11	1.55
1879	268	2.28	....	59	1.07	....
1880	372	3.08	....	71	1.25	....
1881	594	4.77	....	99	1.69	....
1882	516	4.03	....	93	1.54	....
1883	625	4.74	....	92	1.47	....
1884	476	3.51	....	107	1.66	....
1885	405	2.90	....	153	2.30	....
1886	433	3.01	....	123	1.77	....
1887	421	2.85	....	143	1.95	....
1888	364	2.39	2.62	153	2.02	2.00
1889	397	2.53	....	161	2.06	....
1890	352	2.18	....	182	2.25	....
1891	384	2.31	....	180	2.16	....
1892	400	2.34	....	162	1.89	....
1893	381	2.17	....	179	2.02	....
1894	326	1.80	....	159	1.65	....
1895	322	1.72	....	173	1.74	....
1896	297	1.56	....	163	1.58	....
1897	299	1.54	....	173	1.62	....
1898	376	1.90	1.72	270	2.46	2.14
1899	294	1.46	....	205	1.81	....
1900	372	1.81	....	301	2.57	....
1901	412	1.95	....	272	2.25	....
1902	399	1.83	....	322	2.59	....
1903	350	1.56	....	267	2.08	....

Year.	Old City of New York.			Brooklyn.		
	Deaths.	Death Rates.	Decennial Rates.	Deaths.	Death Rates.	Decennial Rates.
1904	309	1.33	....	303	2.29	....
1905	310	1.30	....	297	2.18	....
1906	369	1.50	....	230	1.64	....
1907	420	1.65	....	271	1.87	....

Measles.

Measles was returned as the cause of death upon 728 certificates, a decrease of 417 compared with the figures of the last year; since 1898 measles has shown a marked tendency to assume epidemic proportions in every other year, and 1907 was one of the "off" years. A corresponding decrease in the number of deaths under five years of age from the acute respiratory diseases as experienced in previous years was expected, but the absolute figures from these diseases were slightly in excess of those of 1906 and the reasons therefor will be touched upon in analyzing the deaths from diseases of the respiratory organs.

Scarlet Fever.

There were 796 deaths reported from this cause in 1907 against 491 in 1906, an increase of 305 deaths; the rate in 1906 was 1.18 per 10,000 against 1.86 in 1907, the rate of 1906 having been the lowest recorded since the organization of the Department in 1866. The history of the rate from this cause has been that of a continual lowering since the year 1882 when the number of deaths was 2,958, the rate reached its highest point, 15.7 per 10,000, the nearest approach to these figures were those of 1888 when the number of deaths was 1,836, and the rate 8.1, a decrease of 49 per cent. If we compare the mortality of the highest year, 1882, with that of the year just closed, we find a decrease of 88 per cent.; if we compare the mortality from this cause for the fifteen years previous to 1883 with that for the succeeding twenty-five years, the rate will be seen to have fallen from 9.7 per 10,000 to 3.3, a decrease of 66 per cent.

Whooping Cough.

There were 393 deaths reported from this cause in 1907 against 367 in the previous year, an increase of 26; the rate per 10,000 in 1907 was 0.92 against 0.88 in 1906, a very slight increase.

Diphtheria and Croup.

There were 1,740 deaths reported from this cause during 1907 against 1,898 in 1906, a decrease of 158. The rate per 100,000 in 1907 was 40.6 against 45.7 in 1906, a decrease of 5.1 points per 100,000. The rate for 1907 is the second lowest on record, the rate for 1905 having been 38.4. If we compare the death-rate for the Boroughs of Manhattan, Brooklyn and The Bronx (statistics for Queens and Richmond not available) for the twenty-seven years previous to the general use of diphtheria antitoxin in 1895, with the thirteen succeeding years, there will be found a reduction of 57 per cent., the rates being 152 per 100,000 in the years 1868-1894, and 65 in years 1895-1907 inclusive.

Influenza.

There were 714 deaths reported from this cause in 1907 against 241 in 1906, an increase of 473 deaths, the death-rate having almost trebled. Influenza first appeared in the mortality tables of the City in the last month of the year 1889, assumed epidemic proportions in 1890 and in 1891 reached the culminating point from which time to the present, periodic visitations have been noted; but in no one year has its virulence equalled that of 1891, in which year the rate per 10,000 reached 5.15; in 1907 the point reached was 1.69. The number of deaths from the acute respiratory diseases in persons over five years of age increased 595 in 1907 over that of 1906, showing the effect of the infection of influenza upon the following causes: Acute bronchitis, broncho-pneumonia and pneumonia.

Pulmonary Tuberculosis.

During the year 1907, 8,955 deaths and a death-rate of 2.10 per 1,000 were recorded, against 8,955 deaths and a rate of 2.16 per 1,000 in 1906. The death-rate per 1,000 in the combined figures of the present Boroughs of Manhattan, Brooklyn and The Bronx (representing over 93 per cent. of the population of the City) was 3.76 in the decennium 1868 to 1877, while the last decennium '98-'07 showed a rate of 2.24 per 1,000, a decrease of 40 per cent.

Other Tuberculous Diseases.

Deaths from these causes amounted to 1,264 in 1907, an increase of 25 deaths over the figures for 1906, the death-rate being a shade lower in 1907 by reason of increase in the population. The decennium from 1878-1887 showed a rate of 9.48 per 1,000 from these causes against 0.38 per 1,000 in the decennium 1898-1907, a decrease of 21 per cent.

Cancer and Sarcoma.

The number of deaths ascribed to malignant growths reached 3,227 in 1907 against 3,005 in 1906, an increase of 222 deaths, the rate per 1,000,000 being 753 and 724 respectively. As has been noted especially in the reports of 1903 and 1904 the mortality from cancer and sarcoma has gradually been on the increase for at least 40 years, and whilst it is conceded that part of the increase has been due to a more accurate certification upon the part of the physician, and an increase at the age-groupings of the population at 35 years and over, there is hardly any doubt but that some potent factor or factors are at work in causing this ever-increasing mortality. In the decennium 1868-1877 the rate was 390 per million, that of the year 1907 was 753, the mortality in this period of time having almost doubled.

Diseases of the Nervous System.

There were 5,662 deaths and a rate of 1.32 per 1,000 recorded during 1907 against 6,046 deaths and a rate of 1.46 in 1906, a decrease

in the number of deaths of 384 and in the rate of .14 of a point. This decrease is accounted for by 170 less deaths reported from cerebro-spinal meningitis—the severe epidemic which prevailed in 1905 moderated considerably in 1906, showed still further signs of a return to the normal condition which existed before the advent of this high wave of infection which apparently recurs at every twelfth year—150 less less from convulsions of infants and 104 less from apoplexy, the decrease in the latter two causes being probably due to more precise certification upon the returns.

Diseases of the Circulatory and Urinary Systems.

In 1907, 15,055 deaths were reported from these causes, giving a death-rate per 1,000 of 3.51 against 13,705 deaths and a rate of 3.30 in 1906, an increase of 1,350 deaths, or about 1/5 of a point. It is difficult to state positively the exact causes of this large increase for the year, apparently the epidemic of influenza had its augmenting effect as the monthly number of organic heart and Bright's diseases were considerably increased during the months when influenza was present. Other causes generally given are those relating to the strenuous age in which we live, much stress being put upon the increased consumption of highly seasoned animal food and stimulants, and the lack of physical exercise in the open air. The death-rate per 1,000 from organic heart and chronic and acute Bright's disases increased from 1.95 in the decennium 1878-1887 to 2.44 in the next decennium, and 2.77 in the last decennium, an increase in the last over the first of 42 per cent.

Acute Respiratory Diseases.

There were 12,854 deaths reported from acute bronchitis, broncho-pneumonia and pneumonia during 1907, an increase of 667 deaths. The mildness of the measles epidemic of 1907 as compared with that of 1906 would lead to the expectation of a decreased mortality from the acute respiratory diseases at the ages under 5 years, but the figures at those ages show an increase of 72 deaths above those of 1906, the rate

for 1907 being slightly lower than that of 1906. One of the causes operating against a reduced mortality at those ages was the presence of a severe epidemic of scarlet fever, from February to July, 1907, with an increased mortality from the broncho-pneumonias during those months as a sequel of this prevalence. On the other hand, the increase in the pneumonias above 5 years of age was 595, due to the severe epidemic of influenza present at the beginning and end of the calendar year.

Diarrheal Diseases Under Two Years of Age.

In 1907, 6,346 deaths and a death-rate of 1.48 per 1,000 of the entire population were recorded against 5,784 deaths and a rate of 1.39 during the previous year. This increase in the mortality from these causes was unexpected, as the campaign for pure milk has been going on now for two years with apparently no beneficial effect upon the health of the young babies. The death-rate from diarrheal diseases under 5 years of age has been either at a standstill these past four years or at a slight increase. To be sure, the mortality rates from these causes have decreased immensely if we compare those of twenty, thirty or forty years ago with those of the present day; for instance, during the decennium 1868-'77, there were reported 49,568 deaths of children under 5 years of age from diarrheal disease, producing a death-rate of 3.48 per 1,000 of the population; during the past decennium 54,499 deaths of children under five years of age from diarrheal diseases were reported, with a death-rate of 1.56 per 1,000, if the rate 3.48 of the first decennium be applied to the average population of the City during the past decennium the number of deaths would have been 121,833 in place of 54,499, a difference of 67,334 deaths.

The most fruitful causes of infantile mortality during the summer months are first and foremost of all, the neglect or ignorance of the mother who will not nurse her child at the breast, for it has been proved beyond peradventure that very few breast-fed babies die from diarrheal diseases; second, the ignorance and neglect of the mother or nurse in not properly protecting the milk supply for hand or bottle-fed babies from infection; third, the congested and unsanitary surroundings among which the majority of the children born in this City are reared. Educa-

tion of the parent is the first necessary step towards accomplishing the desired end; a great many mothers would gladly save the lives of their offspring if shown how to do it. This step is not so easy as it seems, as in this great city of ours where there are hundreds of thousands of parents who do not read nor write the English language. Only in cases of complete failure of the maternal milk supply should artificial feeding be countenanced. The second step, the supervision of the milk supply of the City, was taken years ago and there is in all probability not a large city in the world that can compare with New York as to the purity of its milk supply. Additional safeguards are the pasteurization of the milk intended for the feeding of children; attention to the infant's ablutions; the taking advantage of the purer air of the parks and recreation piers, and of the opportunities offered by private and public philanthropy to escape the torrid heat by excursions to the seaside, etc.

Violence.

There were 4,911 violent deaths reported during the year 1907, an increase of 170 above the previous year, divided among the subdivisions as follows: Homicide, 32; suicide, 3; and accidents, 135. The death-rate from these causes was 1.08 per 1,000 during the decennium '68-'77, which fell to 0.93 during the following decennium, rose to 1.12 during the next decennium, and again rose to 1.19 during the last decennium. The large number of deaths from sunstroke in 1872 accounts for the high rate from violent deaths in the first decennium; the absence of a protracted heated spell account for the low rate in the decennium 1878-'87; the two years 1892 and 1896 contained two periods of intense heat, thus sending up the rate from violent deaths in the decennium 1888-1897; in the decennium 1898-1907, the intense heat of the three weeks, June 23d to July 13th of the year 1901, caused the unusual number of 1,158 deaths from sunstroke, and in the year 1904 the burning of the excursion boat "General Slocum" with a loss of 918 lives, increased considerably the rate from violent deaths.

Searches and Transcripts.

During 1907, 98,504 searches were made of the records of births, marriages and deaths against 90,964 in 1906, an increase of 7,540; fully fifty per cent. of the total searches were made without charge to aid children to obtain employment certificates and admission into the public schools; 42,788 certified transcripts of the records were issued for which a charge was made of fifty cents for the first copy and ten cents for each additional one.

General Statistics of Births, Marriages, and Still-births,

	Borough of	
	Manhattan.	* The Bronx.
Number of deaths	41,319	6,379
Death rates	18.51	20.69

* The death rate in the Borough of The Bronx is materially increased by the deaths in

Borough.	Estimated Population.	Certificates Received and Tabulated.			
		Marriages.	Births.	Deaths.	Still-births.
Manhattan	2,232,829	33,829	65,771	41,319	4,140
The Bronx	308,256	2,268	8,487	6,379	458
Brooklyn	1,448,095	12,916	38,632	26,043	2,303
Queens	220,836	1,490	5,825	3,857	346
Richmond	75,420	594	2,005	1,607	104
City of New York	4,285,435	51,097	120,720	79,205	7,351

	Borough of	
	Manhattan.	The Bronx.
Number of deaths in institutions	16,086	2,578
Number of deaths in tenements	21,967	2,283
Number of deaths in dwellings	1,705	1,335
Number of deaths in hotels and boarding-houses	555	23
Number of deaths in streets, rivers, etc	1,006	160

the Year Ending December 31, 1907.

Borough of			City of New York.
Brooklyn.	Queens.	Richmond.	
26,043	3,857	1,607	79,205
17.98	17.47	21.31	18.48

tutions, most of the inmates having been transferred from the Borough of Manhattan.

Rate per 1,000.				Transit Permits Issued.	Coroners' Cases.	Searches Made.	Transcripts Issued.
arriages.	Births.	Deaths.	Still-births.				
15.15	29.46	18.51	1.85	1,004	5,941	57,851	24,130
7.36	27.53	20.69	1.49	22	859	7,439	3,191
8.92	26.68	17.98	1.59	590	3,348	28,737	13,620
6.75	26.38	17.47	1.57	522	681	3,553	1,385
7.88	26.59	21.31	1.38	4	263	924	462
11.92	28.17	18.48	1.72	2,142	11,092	98,504	42,788

Borough of			City of New York.
Brooklyn.	Queens.	Richmond.	
6,042	527	630	25,863
12,592	1,016	116	37,974
6,879	2,092	747	12,758
95	70	26	769
435	152	88	1,841

Particulars Regarding Births, Deaths, Marriages

CIT

	Total.	White.		Colored.		Chinese.		Native Parents.		Foreign Parents.		Parentage of Mixed Nativities.		Parent Unkn or N Stat
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M
*Marriages.	51,097	49,494	49,519	1,585	1,573	18	5	....	....	....	....	....	....	....
*Births.....	120,722	60,666	58,137	956	945	9	9	15,414	14,843	38,695	37,188	7,132	6,653	390
Deaths.....	79,205	42,351	34,455	1,217	1,102	76	4	8,619	7,282	28,441	23,378	3,870	3,215	2,714
*Still-births	‖7,351	4,085	2,952	132	103	..	..	1,125	830	2,377	1,704	448	315	267

* The returns of Births, Marriages and Still-births are incomplete. ‖ Sex undetermined, 79.

BOROUG

Marriages..	33,829	32,667	32,691	1,145	1,133	17	5	....	....	....	....	....	....	....
Births.....	65,773	33,063	31,421	624	647	9	9	6,103	5,872	24,148	23,018	3,119	2,857	326
Deaths.....	41,319	22,244	17,629	722	653	67	4	3,787	3,066	15,718	12,584	1,644	1,427	1,884
Still-births..	‡4,140	2,284	1,653	88	66	..	..	459	339	1,517	1,102	231	147	165

‡ Sex undetermined, 49.

BOROUG

Marriages..	2,268	2,238	2,238	30	30			....	....	....	....	....	....	....
Births.....	8,487	4,293	4,074	60	60			1,467	1,372	1,931	1,898	942	852	13
Deaths.....	6,379	3,481	2,696	97	102		3	707	590	2,303	1,800	408	319	163
Still-births..	†458	260	185	1	5			92	57	119	85	35	39	15

† Sex undetermined, 7.

BOROUG

Marriages..	12,916	12,551	12,553	364	363			....	....	....	....	....	....	....
Births.....	38,632	19,445	18,784	219	184			6,174	5,951	11,042	10,696	2,397	2,256	51
Deaths.....	26,043	13,555	11,884	318	280		6	3,288	3,001	8,636	7,656	1,476	1,186	479
Still-births..	§2,303	1,295	933	29	27			470	356	631	450	152	93	71

§ Sex undetermined, 19.

BOROUG

Marriages..	1,490	1,451	1,450	39	40			....	....	....	....	....	....	....
Births.....	5,825	2,843	2,899	44	39			1,254	1,243	1,110	1,179	523	516	....
Deaths.....	3,857	2,096	1,653	57	51			557	443	1,259	993	267	238	70
Still-births..	◆346	189	140	10	3			77	62	86	50	22	28	14

◆ Sex undetermined, 4.

BOROUG

Marriages..	594	587	587	7	7	..	..	...	....	....	....	....	....	....
Births.....	2,005	1,022	959	9	15	..	..	416	405	464	397	151	172	....
Deaths.....	1,607	975	593	23	16	..	..	280	182	525	345	75	45	118
Still-births..	✠104	57	41	4	2	..	..	27	16	24	17	8	8	2

✠ Sex undertermined, 0.

births Reported During the Year Ending December 31, 1907.

YORK.

ngle.	Married.		Widowed.		Di-vorced.		Not Stated.		Month of Utero-gestation.										
F.	M.	F.	M.	F.	M.	F.	M.	F.	1	2	3	4	5	6	7	8	9	10	Not Stated.
47,311	....	....	3,314	3,189	472	597	..	..											
....	....	....	....	....	..	..	..	..											
17,206	14,204	10,183	4,504	8,034	55	39	554	99											
....	....	....	....	....	..	..	..	..	..	25	110	304	613	871	1,111	961	3,026	301	29

ATTAN.

31,576	....	....	1,726	1,839	308	414	..	..											
....	....	....	....	....	..	..	..	..											
9,187	7,248	5,087	2,248	3,916	36	28	360	68											
....	....	....	....	....	..	.	..	..	..	22	76	183	357	463	666	530	1,599	240	4

BRONX.

2,056	....	....	211	186	25	26	..	..											
....	....	....	....	....	..	..	..	..											
1,270	1,206	896	385	627	1	1	32	4											
....	....	....	....	....	..	..	..	..	..	1	4	24	37	53	53	62	160	47	17

CLYN.

11,790	....	....	1,171	987	119	139	..	..											
....	....	....	....	....	..	..	..	..											
5,648	4,658	3,544	1,506	2,940	15	10	126	22											
....	....	....	....	....	..	..	..	..	..	2	24	82	184	308	312	302	1,070	13	6

NS.

1,341	....	....	151	137	14	12	..	..											
....	....	....	....	....	..	..	..	..											
818	772	501	210	382	2	..	20	3											
....	....	....	....	....	..	..	..	..	..	..	6	11	34	37	63	51	141	1	2

MOND.

548	....	....	55	40	6	6	..	..											
....	....	....	....	....	..	..	..	..											
283	320	155	155	169	1	..	16	2											
....	....	....	....	....	..	..	..	..	..	..	..	4	1	10	17	16	56	..	..

Deaths of Males by Age, and Cause of Death,

Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
I.—General Diseases.											
1. Typhoid fever	740	497	1	..	8	5	2	16	15	23	50
2. Typhus fever	..	..	..	..	..	..	..	..	..	..	..
3. Relapsing fever	..	..	..	..	..	..	..	..	..	..	..
4. Malarial fever	69	43	2	2	1	2	1	8	2	2	2
5. Small-pox	9	5	1	..	..	1	..	2	..	..	..
6. Measles	728	394	121	141	54	31	10	357	24	2	3
7. Scarlet fever	796	401	11	42	62	68	52	235	116	25	9
8. Whooping cough	393	196	112	52	15	10	3	192	4	..	..
9. Diphtheria and croup	1,740	936	126	227	173	133	90	749	142	18	2
10. Influenza	714	330	26	10	6	3	1	46	7	2	4
11. Miliary fever	..	..	..	..	..	..	..	..	..	..	..
12. Asiatic cholera	..	..	..	..	..	..	..	..	..	..	..
13. Cholera nostras	..	..	..	..	..	..	..	..	..	..	..
14. Dysentery	116	55	12	10	1	..	1	24	1	..	1
15. Plague	..	..	..	..	..	..	..	..	..	..	..
16. Yellow fever	..	..	..	..	..	..	..	..	..	..	..
17. Leprosy	1	1	..	..	..	..	..	..	..	..	..
18. Erysipelas	296	179	51	2	1	..	..	54	..	..	3
19. Other epidemic diseases	29	18	3	3	3	1	..	10	..	..	2
20. Pyemia, septicemia	96	60	22	..	1	..	..	23	2	1	2
21. Glanders	6	4	..	..	..	..	..	..	..	..	..
22. Malignant pustule	3	2	..	..	..	..	..	..	..	..	..
23. Hydrophobia	28	19	..	..	..	1	3	4	2	4	2
24. Actinomycosis	1	1	..	..	..	..	..	..	..	..	..
24a. Trichinosis	..	..	..	..	..	..	..	..	..	..	..
25. Pellagra	..	..	..	..	..	..	..	..	..	..	..
26. Tuberculosis of larynx	76	55	..	..	..	..	..	..	..	..	..
27. Tuberculosis of lungs	8,999	5,764	34	27	15	6	9	91	28	26	250
28. Tubercular meningitis	755	412	107	81	50	37	23	298	51	13	7
29. Abdominal tuberculosis	179	93	16	6	5	3	1	31	6	6	4
30. Potts' disease	74	43	..	1	..	1	3	5	5	3	5
31. Cold abscess	18	10	1	..	1	..	..	2	..	1	1
32. White swelling	38	26	1	..	..	1	1	3	6	3	3
33. Tuberculosis of other organs	57	37	3	3	2	..	..	8	..	1	4

'or the Year Ending December 31, 1907.

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
76	82	64	70	36	24	15	10	4	7	2	2	1	..	9	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	8	5	..	2	3	1	3	4	1	1	1	..	..	1	..
1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..
..	4	2	1	1	..	..	..	..	..	..	..	..	..	1	..
2	2	4	..	..	2	1	..	..	..	..	..	..	..	2	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	..
4	6	3	2	3	1	3	1	1	1	..	..	..	..	7	..
12	6	19	16	26	18	16	23	24	33	27	26	20	5	22	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	1	2	..	2	3	1	3	4	6	3	1	2	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..
10	7	14	11	14	17	13	9	9	9	3	4	2	..	1	1
1	1	1	2	..	..	1	..	..	..	..	..	..	..	..	1
..	5	4	7	1	2	4	3	3	1	..	1	..	1	3	1
..	..	..	1	1	2	..	..	..	..	..	..	..	..	..	..
..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..
..	2	2	1	..	..	1	..	1	..	..	..	..	..	..	..
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6	14	8	6	4	8	5	2	..	..	1	1	..	..	..	..
517	704	856	886	746	630	441	258	163	97	42	16	3	1	217	35
8	8	8	7	2	4	4	1	1	..	..	..	..	..	20	..
5	7	5	1	7	4	9	3	4	..	1	..	..	..	4	1
5	5	2	3	1	3	2	1	1	1	..	1	..	..	1	..
1	..	1	3	1	..	..	..	..	..	..	..	..	..	1	..
1	2	2	2	..	1	2	1	..	..	..	..	..	..	3	..
3	5	2	4	2	2	3	1	..	2	..	..	..	..	2	..

Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
34. General tuberculosis...	66	35	9	2	..	1	..	12	2	..	3
35. Scrofula.....	1	1	..	..	..	..	..	..	..	..	..
36. Syphilis.....	372	204	99	6	4	1	..	110	2	..	3
37. Gonorrhea (adults)....	18	8	..	..	..	..	..	..	..	..	2
38. Gonorrhea (children)..	16	8	7	1	..	..	..	8	..	..	..
39. Cancer, etc., of the mouth	128	103	2	..	..	..	..	2	..	..	1
40. Cancer of stomach, liver	1,281	667	..	1	..	..	..	1	..	..	1
41. Cancer of intestines, rectum	467	211	..	..	..	..	..	..	1	..	2
42. Cancer of female genital organs.....	494	..	..	..	..	..	..	..	..	..	..
43. Cancer of the breast...	285	2	..	..	..	..	..	..	..	..	..
44. Cancer of the skin.....	70	36	1	..	..	..	..	1	..	..	..
45. Cancer of other organs and unspecified.....	502	303	3	1	4	1	3	12	4	7	3
46. Other tumors (except of female genital organs.....	37	19	..	1	..	..	..	1	2	..	..
47. Acute articular rheumatism	399	197	3	6	3	5	4	21	22	19	13
48. Chronic rheumatism and gout.....	120	57	..	..	..	..	..	..	3	1	..
49. Scurvy....	14	5	2	1	..	..	..	3	1	..	..
50. Diabetes.....	664	251	..	..	..	1	..	1	3	3	6
51. Exophthalmic goitre..	38	8	..	..	..	..	..	..	..	..	1
52. Addison's disease.....	13	9	..	..	..	..	..	..	..	..	..
53. Leukemia.....	79	46	..	..	1	..	2	3	3	4	2
54. Anemia, chlorosis.....	120	41	2	2	..	..	..	4	1	1	1
55. Other general diseases.	3	2	1	..	..	..	..	1	..	..	..
56. Alcoholism, acute and chronic.....	719	582	..	..	..	..	..	..	..	..	..
57. Lead poisoning.....	11	11	..	..	..	..	..	..	..	..	..
58. Other chronic poisonings of occupation.	..	..	..	..	..	..	..	..	..	..	..
59. Other chronic poisonings.....	9	6	..	..	..	..	..	..	..	..	..
II.—Diseases of Nervous System and Organs of Sense											
60. Encephalitis.....	11	4	..	..	..	..	..	..	..	..	..
61. Simple meningitis	1,067	609	126	89	48	35	22	320	67	27	34
61a. (Of which) cerebro-spinal meningitis	642	381	61	48	32	26	16	183	48	24	31
62. Locomotor ataxia.....	112	88	1	..	..	..	..	1	..	..	..
63. Other diseases of spinal cord	227	119	6	13	12	3	2	36	5	4	3
64. Apoplexy, congestion of brain.....	2,606	1,246	17	3	2	1	..	23	..	..	4
65. Softening of brain.....	41	22	..	..	..	..	..	..	..	..	..
66. Paralysis unspecified...	170	80	..	..	..	..	..	..	..	..	1

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
3	3	3	1	2	2	1	..	1	1	1	..	..	..	6	..
..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
5	8	14	14	9	8	13	9	4	3	1	1	..	..	13	1
1	..	1	3	1	..	.	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	..	3	6	8	10	15	11	15	14	8	3	4	2	..	..
5	8	10	32	51	68	101	103	113	74	58	31	8	3	15	1
5	2	12	10	22	24	24	23	27	31	13	12	3	..	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..
2	..	..	..	2	4	6	3	7	3	4	..	3	1	..	..
2	8	10	11	26	31	36	32	45	36	23	14	3	..	6	1
..	..	..	..	2	3	1	4	3	2	..	..	..	1	..	..
7	12	18	14	9	8	12	12	10	8	6	4	2	..	1	..
2	..	1	1	5	3	2	6	6	10	7	7	2	1	1	..
..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..
5	3	8	6	13	20	40	37	40	30	20	11	4	1	..	..
..	..	..	..	3	1	..	2	1	..	..	..	..	..	1	..
..	..	2	1	..	2	2	..	2	..	..	..	..	..	..	..
2	7	3	4	3	3	4	1	2	..	5	..	..	..	..	..
3	..	6	2	..	3	5	7	3	2	2	1	..	..	1	..
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
10	40	97	114	102	86	52	36	15	21	4	5	..	..	1	1
..	..	2	1	2	3	2	1	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	2	1	1	2	..	..	..	..	..	..	..	..	..	..	1
..	..	..	1	..	..	2	..	..	..	1	..	..	..	..	..
28	26	23	13	20	20	7	10	4	7	2	1	..	..	15	1
22	23	13	10	10	8	1	6	1	1	..	..	..	..	11	1
..	4	1	9	6	13	11	9	11	12	9	2	..	..	1	..
3	2	7	4	7	7	5	10	8	4	6	8	..	..	2	..
2	9	22	43	52	73	141	148	192	181	160	105	56	35	16	2
..	..	..	1	..	..	5	..	1	4	4	3	1	3	..	..
2	..	2	6	3	5	6	7	11	10	12	10	3	2	1	..

Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
67. General paresis	220	146	..	..	..	..	..	..	..	..	1
68. Other forms of insanity	57	33	..	..	..	..	..	..	..	1	2
69. Epilepsy	111	57	..	1	..	1	..	2	6	3	1
70. Convulsions (not puerperal	2	..	..	..	..	..	..	..	..	..	..
71. Convulsions of infants	572	325	283	30	8	3	1	325	..	..	..
72. Tetanus, trismus	59	43	14	..	..	..	1	15	5	7	2
73. Chorea	14	5	..	..	..	..	..	..	..	..	1
74. Other nervous diseases	187	115	8	4	3	2	..	17	6	4	5
75. Diseases of the eyes	5	5	3	..	..	..	..	3	..	..	..
76. Diseases of the ears	201	123	28	14	10	1	6	59	4	6	9
III.—Diseases of Circulatory System.											
77. Pericarditis	55	29	1	..	..	..	1	2	2	1	..
78. Acute endocarditis	507	260	8	7	6	1	..	22	13	4	8
79. Organic heart diseases	7,237	3,666	12	5	5	7	7	36	53	65	73
80. Angina pectoris	179	102	..	..	..	..	..	..	..	..	..
81. Diseases of arteries, aneurism, etc	483	276	..	..	..	..	..	..	..	..	1
82. Embolism, thrombosis	183	76	1	..	1	..	..	2	2	1	..
83. Diseases of veins (hemorrhoids, varices, phlebitis, etc.)	33	9	..	..	..	..	..	..	..	..	..
84. Diseasesof lymphatics (lymphangitis, etc.)	12	6	2	1	..	..	..	3	..	1	..
85. Hemorrhage	98	51	35	2	1	1	..	39	..	..	..
86. Other diseases of circulatory system	1	1	1	..	..	..	..	1	..	..	..
IV.—Diseases of Respiratory System.											
87. Diseases of nasal fossæ	5	4	..	..	3	..	..	3	..	..	1
88. Diseases of the larynx	50	29	8	2	4	4	1	19	3	1	..
89. Diseases of thyroid gland	6	2	1	..	..	..	..	1	..	..	..
90. Acute bronchitis	1,048	532	350	69	15	6	..	440	7	2	..
91. Chronic bronchitis	347	167	7	7	1	..	..	15	1	..	..
92. Broncho-pneumonia	5,589	2,843	1,232	578	227	84	45	2,166	45	18	13
93. Pneumonia	6,217	3,666	342	257	106	46	27	778	78	39	82
94. Pleurisy	304	187	27	32	10	2	2	73	7	2	4
95. Congestion of lungs, pulmonary apoplexy	89	50	14	2	..	2	..	18	1	..	..
96. Gangrene of lung	31	25	..	..	..	..	..	..	..	..	..
97. Asthma	160	80	1	..	..	..	..	1	..	..	..
98. Pulmonary emphysema	99	61	..	..	..	..	..	..	..	..	..
99. Other diseases of respiratory system (phthisis excepted)	60	39	1	2	..	1	..	4	1	1	1

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
1	4	17	26	29	22	12	10	11	8	3	..	1	1	5	..
2	2	2	4	2	3	2	2	3	1	5	1	1	..	3	..
8	5	9	7	2	1	3	4	..	3	1	2	..	..	3	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	18	1
2	1	2	3	2	2	..	2	..	..	..	..	..	..	..	1
1	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..
9	12	15	10	7	8	9	8	2	2	1	..	..	..	5	..
..	..	..	2	..	..	..	..	..	..	..	..	..	..	1	..
8	8	4	3	4	3	7	3	..	3	1	1	..	..	3	..
..	1	2	2	2	6	..	4	1	2	1	1	..	2	..	..
13	11	10	11	11	17	27	23	23	23	20	16	7	1	7	..
89	114	161	236	248	301	354	361	441	391	337	222	129	55	92	6
1	1	2	3	8	8	16	15	7	10	10	12	4	5	1	..
..	3	6	15	16	28	23	21	29	37	31	36	18	12	18	..
2	3	..	3	3	6	6	10	12	14	6	5	..	1	2	..
..	..	..	..	1	1	3	1	1	1	1	..	..	..	..	..
..	1	..	..	..	1	..	..	..	..	..	..	..	..	1	..
3	1	2	3	..	1	..	..	..	1	..	..	1	..	2	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	1	1	1	..	1	1	1	..	..	..	..	..	1	..
..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..
4	1	3	2	2	2	1	..	6	10	10	11	17	14	6	..
1	1	6	4	5	8	2	13	21	20	24	25	15	6	3	..
22	19	26	31	43	39	62	43	80	60	62	47	40	27	106	2
140	205	267	334	315	281	274	233	190	182	123	86	33	26	153	4
13	10	11	19	10	6	6	4	7	5	2	5	2	1	5	..
..	1	1	3	1	2	..	1	3	3	4	6	2	4	1	..
1	..	2	1	3	4	3	4	4	2	1	..	..	..	..	..
..	..	1	4	2	4	8	16	13	7	10	5	6	3	..	..
..	..	..	3	1	2	8	5	7	12	6	9	4	4	..	1
2	2	1	6	9	1	3	4	4	..	..	..	..	..	..	..

Deaths of Males by Age, and Cause of Death,

Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
I.—General Diseases.											
1. Typhoid fever	740	497	1	..	8	5	2	16	15	23	50
2. Typhus fever	..	..	..	..	..	..	..	..	..	..	..
3. Relapsing fever	..	..	..	..	..	..	..	..	..	..	..
4. Malarial fever	69	43	2	2	1	2	1	8	2	2	2
5. Small-pox	9	5	1	..	..	1	..	2	..	..	..
6. Measles	728	394	121	141	54	31	10	357	24	2	3
7. Scarlet fever	796	401	11	42	62	68	52	235	116	25	9
8. Whooping cough	393	196	112	52	15	10	3	192	4	..	..
9. Diphtheria and croup	1,740	936	126	227	173	133	90	749	142	18	2
10. Influenza	714	330	26	10	6	3	1	46	7	2	4
11. Miliary fever	..	..	..	..	..	..	..	..	..	..	..
12. Asiatic cholera	..	..	..	..	..	..	..	..	..	..	..
13. Cholera nostras	..	..	..	..	..	..	..	..	..	..	..
14. Dysentery	116	55	12	10	1	..	1	24	1	..	1
15. Plague	..	..	..	..	..	..	..	..	..	..	..
16. Yellow fever	..	..	..	..	..	..	..	..	..	..	..
17. Leprosy	1	1	..	..	..	..	..	..	..	..	..
18. Erysipelas	296	179	51	2	1	..	..	54	..	..	3
19. Other epidemic diseases	29	18	3	3	3	1	..	10	..	..	2
20. Pyemia, septicemia	96	60	22	..	1	..	..	23	2	1	2
21. Glanders	6	4	..	..	..	..	..	..	..	..	..
22. Malignant pustule	3	2	..	..	..	..	..	..	..	..	..
23. Hydrophobia	28	19	..	..	..	1	3	4	2	4	2
24. Actinomycosis	1	1	..	..	..	..	..	..	..	..	..
24a. Trichinosis	..	..	..	..	..	..	..	..	..	..	..
25. Pellagra	..	..	..	..	..	..	..	..	..	..	..
26. Tuberculosis of larynx	76	55	..	..	..	..	..	..	..	..	..
27. Tuberculosis of lungs	8,999	5,764	34	27	15	6	9	91	28	26	259
28. Tubercular meningitis	755	412	107	81	50	37	23	298	51	13	7
29. Abdominal tuberculosis	179	93	16	6	5	3	1	31	6	6	4
30. Potts' disease	74	43	..	1	..	1	3	5	5	3	5
31. Cold abscess	18	10	1	..	1	..	..	2	..	1	1
32. White swelling	38	26	1	..	..	1	1	3	6	3	3
33. Tuberculosis of other organs	57	37	3	3	2	..	..	8	..	1	4

RK.

Year Ending December 31, 1907.

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
82	64	70	36	24	15	10	4	7	2	2	1	..	9	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8	5	..	2	3	1	3	4	1	1	1	..	..	1	..
..	..	1	..	..	..	1	..	..	..	..	..	..	..	..
4	2	1	1	..	..	..	..	..	..	..	..	..	1	..
2	4	..	..	2	1	..	..	..	..	..	..	..	2	..
..	..	..	..	..	..	..	..	..	..	..	..	..	20	..
6	3	2	3	1	3	1	1	1	..	..	..	..	7	..
6	19	16	26	18	16	23	24	33	27	26	20	5	22	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	2	..	2	3	1	3	4	6	3	1	2	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	1	..	..	..	..	..	..	..	..
7	14	11	14	17	13	9	9	9	3	4	2	..	1	1
1	1	2	..	..	1	..	..	..	..	..	..	..	..	1
5	4	7	1	2	4	3	3	1	..	1	..	1	3	1
..	..	1	1	2	..	..	..	..	..	..	..	..	..	..
..	..	2	..	..	..	..	..	..	..	..	..	..	..	..
2	2	1	..	..	1	..	1	..	..	..	..	..	..	..
..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
14	8	6	4	8	5	2	..	..	1	1	..	..	..	..
704	856	886	746	630	441	258	163	97	42	16	3	1	217	35
8	8	7	2	4	4	1	1	..	..	..	..	..	20	..
7	5	1	7	4	9	3	4	..	1	..	..	..	4	1
5	2	3	1	3	2	1	1	1	..	1	..	..	1	..
..	1	3	1	..	..	..	..	..	..	..	..	..	1	..
2	2	2	..	1	2	1	..	..	..	..	..	..	3	..
5	2	4	2	2	3	1	..	2	..	..	..	..	2	..

Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
131. Ovarian cysts and tumors	60	..	..	..	..	..	..	..	..	..	..
132. Other diseases of female genital organs	115	..	..	..	..	..	..	..	..	..	..
133. Diseases of breast (not puerperal, nor cancer)	3	..	..	..	..	..	..	..	..	..	..
VII.—Puerperal Diseases.											
134. Accidents of pregnancy	128	..	..	..	..	..	..	..	..	..	..
135. Puerperal hemorrhage	50	..	..	..	..	..	..	..	..	..	..
136. Other accidents of labor	94	..	..	..	..	..	..	..	..	..	..
137. Puerperal septicemia	322	..	..	..	..	..	..	..	..	..	..
138. Puerperal albuminuria and convulsions	166	..	..	..	..	..	..	..	..	..	..
139. Puerperal phlegmasia alba dolens	1	..	..	..	..	..	..	..	..	..	..
140. Other accidents of parturition, sudden death	22	..	..	..	..	..	..	..	..	..	..
141. Puerperal diseases of breast	..	..	..	..	..	..	..	..	..	..	..
VIII.—Diseases of Skin and Cellular Tissue.											
142. Gangrene	80	37	..	..	..	..	..	..	..	..	..
143. Carbuncle	17	13	2	..	..	..	..	2	..	..	1
144. Phlegmon, acute abscess	83	51	7	3	..	..	..	10	2	1	2
145. Other diseases of skin and adnexa	41	21	15	1	..	..	..	16	..	1	..
IX.—Diseases of Locomotory System.											
146. Diseases of bones (non-tuberculous)	97	62	8	16	3	1	1	29	5	4	1
147. Arthritis, other diseases of joints (except tuberculosis and rheumatism)	8	3	1	..	..	..	..	1	..	..	..
148. Amputation	..	..	..	..	..	..	..	..	..	..	..
149. Other diseases of organs of locomotion	2	2	..	..	..	..	..	..	..	1	..
X.—Malformations.											
150. Congenital malformations	660	383	357	9	3	3	1	373	4	1	4
XI.—Diseases of Infancy.											
151. Congenital debility, icterus and sclerema (of which)	4,082	2,295	2,292	3	..	..	..	2,295	..	..	..
151a. Injury during birth	340	195	195	..	..	..	..	195	..	..	..
152. Other diseases peculiar to infancy	138	75	75	..	..	..	..	75	..	..	..
153. Neglect	10	6	6	..	..	..	..	6	..	..	..
XII.—Diseases of Old Age.											
154. Senile debility	683	256	..	..	..	..	..	..	..	..	..

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
3	3	1	2	2	1	..	1		1	..	..	..	6	..
..	..	..	..	..	..	..	..		1	..	..	..	..	..
8	14	14	9	8	13	9	4	3	1	1	..	..	13	1
..	1	3	1	..	.	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	3	6	8	10	15	11	15	14	8	3	4	2	..	..
8	10	32	51	68	101	103	13	74	58	31	8	3	15	1
2	12	10	22	24	24	23	27	31	13	12	3	..	1	..
..	..	..	..	..	..			..	..	..	..	..	..	..
..	..	..	..	..	1			..	..	..	..	..	..	..
..	..	..	2	4	6	3	7	3	4	..	3	1	..	..
8	10	11	26	31	36	32	45	36	23	14	3		6	1
..	..	..	2	3	1	4	3	2	..	..	..		..	..
12	18	14	9	8	12	12	10	8	6	4	2		1	..
..	1	1	5	3	2	6	6	10	7	7	2		1	..
..	..	..	..	..	..	1	..	..	..	..	..		..	..
3	8	6	13	20	40	37	40	30	20	11	4		..	..
..	..	..	3	1	..	2	1	..	..	..	..		1	..
..	2	1	..	2	2	..	2	..	..	..	..		..	..
7	3	4	3	3	4	1	2	..	5	..	..	..	..	..
..	6	2	..	3	5	7	3	2	2	1	..	..	1	..
..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
40	97	114	102	86	52	36	15	21	4	5	..	..	1	1
..	2	1	2	3	2	1	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	1	1	2	..	..	..	..	..	..	..	..	..	..	1
..	..	1	..	..	2	..	..	..	1	..	..	..	..	..
26	23	13	20	20	7	10	4	7	2	1	..	..	15	1
23	13	10	10	8	1	6	1	1	..	..	..	..	11	1
4	1	9	6	13	11	9	11	12	9	2	.	..	1	..
2	7	4	7	7	5	10	8	4	6	8	..	..	2	..
9	22	43	52	73	141	148	192	181	160	105	56	35	16	2
..	..	1	..	..	5	..	1	4	4	3	1	3	..	..
..	2	6	3	5	6	7	11	10	12	10	3	2	1	..

Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
67. General paresis.....	220	146	..	..	..	..	..	..	..	..	1
68. Other forms of insanity	57	33	..	..	..	..	..	..	..	1	2
69. Epilepsy.....	111	57	..	1	..	1	..	2	6	3	1
70. Convulsions (not puerperal	2	..	..	..	..	..	..	..	..	..	..
71. Convulsions of infants	572	325	283	30	8	3	1	325	..	..	..
72. Tetanus, trismus.....	59	43	14	..	..	..	1	15	5	7	2
73. Chorea.....	14	5	..	..	..	..	..	..	..	..	1
74. Other nervous diseases	187	115	8	4	3	2	..	17	6	4	5
75. Diseases of the eyes...	5	5	3	..	..	..	..	3	..	..	..
76. Diseases of the ears...	201	123	28	14	10	1	6	59	4	6	9
III.—Diseases of Circulatory System.											
77. Pericarditis.....	55	29	1	..	..	..	1	2	2	1	..
78. Acute endocarditis.....	507	260	8	7	6	1	..	22	13	4	8
79. Organic heart diseases.	7,237	3,666	12	5	5	7	7	36	53	65	73
80. Angina pectoris. ..	179	102	..	..	..	..	..	..	..	..	..
81. Diseases of arteries, aneurism, etc.....	483	276	..	..	..	..	..	..	..	..	1
82. Embolism, thrombosis	183	76	1	..	1	..	..	2	2	1	..
83. Diseases of veins (hemorrhoids, varices, phlebitis, etc.)	33	9	..	..	..	..	..	..	..	..	..
84. Diseases of lymphatics (lymphangitis, etc.)	12	6	2	1	..	..	..	3	..	1	..
85. Hemorrhage.....	98	51	35	2	1	1	..	39	..	..	..
86. Other diseases of circulatory system...	1	1	1	..	..	..	..	1	..	..	..
IV.—Diseases of Respiratory System.											
87. Diseases of nasal fossæ	5	4	..	..	3	..	..	3	..	..	1
88. Diseases of the larynx..	50	29	8	2	4	4	1	19	3	1	..
89. Diseases of thyroid gland.....	6	2	1	..	..	..	..	1	..	..	..
90. Acute bronchitis.....	1,048	532	350	69	15	6	..	440	7	2	..
91. Chronic bronchitis.....	347	167	7	7	1	..	..	15	1	..	..
92. Broncho-pneumonia ...	5,589	2,843	1,232	578	227	84	45	2,166	45	18	13
93. Pneumonia.....	6,217	3,666	342	257	106	46	27	778	78	39	82
94. Pleurisy	304	187	27	32	10	2	2	73	7	2	4
95. Congestion of lungs, pulmonary apoplexy	89	50	14	2	..	2	..	18	1	..	..
96. Gangrene of lung.....	31	25	..	..	..	..	..	..	..	..	..
97. Asthma.....	160	80	1	..	..	..	..	1	..	..	..
98. Pulmonary emphysema	99	61	..	..	..	..	..	..	..	..	..
99. Other diseases of respiratory system (phthisis excepted)	60	39	1	2	..	1	..	4	1	1	1

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
4	17	26	29	22	12	10	11	8	3	..	1	1	5	..
2	2	4	2	3	2	2	3	1	5	1	1	..	3	..
5	9	7	2	1	3	4	..	3	1	2	..	..	3	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	18	1
1	2	3	2	2	..	2	..	..	..	..	..	..	..	1
..	1	..	..	1	..	..	1	..	..	..	..	..	..	..
12	15	10	7	8	9	8	2	2	1	..	..	..	5	..
..	..	2	..	..	..	..	..	..	..	..	..	..	1	..
8	4	3	4	3	7	3	..	3	1	1	..	..	3	..
1	2	2	2	6	..	4	1	2	1	1	..	2	..	..
11	10	11	11	17	27	23	23	23	20	16	7	1	7	..
114	161	236	248	301	354	361	441	391	337	222	129	55	92	6
1	2	3	8	8	16	15	7	10	10	12	4	5	1	..
3	6	15	16	28	23	21	29	37	31	36	18	12	18	..
3	..	3	3	6	6	10	12	14	6	5	..	1	2	..
..	..	..	1	1	3	1	1	1	1	..	..	..	..	..
1	..	..	..	1	..	..	..	..	..	..	..	..	1	..
1	2	3	..	1	..	..	..	1	..	..	1	..	2	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	1	1	1	..	1	1	1	..	..	..	..	..	1	..
..	..	..	..	..	1	..	..	..	..	..	..	..	..	..
1	3	2	2	2	1	..	6	10	10	11	17	14	6	..
1	6	4	5	8	2	13	21	20	24	25	15	6	3	..
19	26	31	43	39	62	43	80	60	62	47	40	27	106	2
205	267	334	315	281	274	233	190	182	123	86	33	26	153	4
10	11	19	10	6	6	4	7	5	2	5	2	1	5	..
1	1	3	1	2	..	1	3	3	4	6	2	4	1	..
..	2	1	3	4	3	4	4	2	1	..	..	..	..	..
..	1	4	2	4	8	16	13	7	10	5	6	3	..	..
..	..	3	1	2	8	5	7	12	6	9	4	4	..	1
2	1	6	9	1	3	4	4	..	..	..	..	..	..	..

Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
V.—Diseases of Digestive System.											
100. Diseases of mouth and adnexa	14	5	5	..	..	..	..	5	..	..	..
101. Diseases of pharynx	65	39	6	4	2	..	1	13	2	3	3
102. Diseases of esophagus	9	7	2	1	..	..	..	3	1	..	..
103. Ulcer of stomach	165	105	1	..	..	..	..	1	..	..	1
104. Other diseases of stomach (cancer excepted)	290	140	36	2	3	3	2	46	1	1	..
105. Diarrhea and enteritis (under two years)	6,346	3,387	2,869	518	..	..	..	3,387	..	..	..
(of which) chronic diarrhea	..	..	..	..	..	..	..	..	..	..	..
106. Diarrhea and enteritis (two years and over)	772	374	..	..	84	27	21	132	19	11	9
107. Intestinal parasites	2	1	..	..	..	..	..	..	..	..	..
108. Hernia, intestinal obstruction	547	246	52	3	5	1	2	63	8	1	4
109. Other diseases of intestines	72	30	14	2	1	..	..	17	..	..	2
110. Acute yellow atrophy of liver	7	2	..	..	..	..	..	..	..	..	..
111. Hydatid tumor of liver	2	1	..	..	..	..	..	..	..	..	..
112. Cirrhosis of liver	1,092	680	..	..	..	..	..	..	..	..	1
113. Biliary calculi	112	44	..	..	..	..	..	..	..	1	..
114. Other diseases of liver	161	86	7	..	..	..	..	7	4	..	4
115. Diseases of spleen	8	5	1	..	..	..	..	1	..	..	..
116. Simple peritonitis (non-puerperal)	74	35	5	1	1	..	1	8	..	3	3
117. Other diseases of digestive system (except tuberculosis and cancer)	16	10	..	..	..	..	..	..	1	..	..
118. Appendicitis and iliac abscess	550	314	2	..	1	3	6	12	24	35	44
VI.—Diseases of Genito-urinary System.											
119. Acute nephritis	672	368	37	10	8	15	8	78	20	6	1
120. Bright's disease	5,013	2,707	3	8	..	2	5	18	16	9	19
121. Other diseases of kidneys and adnexa	96	70	5	..	..	..	..	5	..	..	1
122. Urinary calculus	20	15	1	..	..	..	..	1	..	..	..
123. Diseases of bladder	58	48	3	..	..	..	..	3	..	..	..
124. Diseases of urethra, urinary abscess, etc.	20	20	..	..	..	..	..	..	..	1	..
125. Diseases of the prostate	73	73	1	..	..	..	..	1	..	..	..
126. Non-venereal diseases of male genital organs	4	4	1	..	..	..	..	1	..	..	..
127. Metritis	6	..	..	..	..	..	..	..	..	..	..
128. Uterine hemorrhage (not puerperal)	2	..	..	..	..	..	..	..	..	..	..
129. Uterine tumor (not cancer)	87	..	..	..	..	..	..	..	..	..	..
130. Other diseases of uterus	38	..	..	..	..	..	..	..	..	..	..

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
..	..	..	..		..	..	..	..	..	..	..	..	..	..
..	2	4	2	3	2	2	..	..	..	..	1	..	1	..
1	..	..	..	..	..	2	..	..	..	..	..	..	..	..
8	6	13	12	12	14	9	8	9	6	3	..	..	3	..
2	4	6	5	10	12	5	10	7	11	5	10	2	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	102	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4	13	21	17	11	15	19	21	17	17	19	12	7	4	1
..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
14	13	16	11	19	12	19	16	20	13	7	3	1	5	1
..	1	2	1	1	1	3	1	..	..	..	1	..	..	..
1	..	..	1	..	..	..	..	..	..	..	..	..	..	..
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16	43	78	84	101	100	88	67	52	25	12	8	..	5	1
1	2	4	3	2	5	5	8	7	2	3	..	1	..	..
1	9	3	12	9	8	6	6	4	5	1	1	..	1	..
..	..	..	1	..	1	..	2	..	..	..	..	..	..	..
2	2	2	..	5	2	2	2	2	1	..	..	..	..	..
2	..	3	2	..	1	1	..	..	..	..	..	..	..	..
25	21	26	31	21	13	13	8	6	..	2	..	..	4	..
25	29	33	30	25	27	21	19	17	6	9	5	..	12	2
96	135	187	228	257	302	282	330	259	246	157	89	36	63	6
3	7	8	8	6	4	2	6	8	3	4	2	1	1	..
1	2	2	1	2	..	2	1	2	1	..	..	..	..	..
..	..	2	..	1	..	1	7	3	8	5	13	4	2	..
1	3	1	3	2	4	2	1	..	1	..	1	..	..	..
..	2	..	1	1	5	10	4	14	13	10	10	2	2	..
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Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
131. Ovarian cysts and tumors	60	..	..	..	..	..	..	..	..	..	..
132. Other diseases of female genital organs	115	..	..	..	..	..	..	..	..	..	..
133. Diseases of breast (not puerperal, nor cancer)	3	..	..	..	..	..	..	..	..	..	..
VII.—Puerperal Diseases.											
134. Accidents of pregnancy	128	..	..	..	..	..	..	..	..	..	..
135. Puerperal hemorrhage	50	..	..	..	..	..	..	..	..	..	..
136. Other accidents of labor	94	..	..	..	..	..	..	..	..	..	..
137. Puerperal septicemia	322	..	..	..	..	..	..	..	..	..	..
138. Puerperal albuminuria and convulsions	166	..	..	..	..	..	..	..	..	..	..
139. Puerperal phlegmasia alba dolens	1	..	..	..	..	..	..	..	..	..	..
140. Other accidents of parturition, sudden death	22	..	..	..	..	..	..	..	..	..	..
141. Puerperal diseases of breast	..	..	..	..	..	..	..	..	..	..	..
VIII.—Diseases of Skin and Cellular Tissue.											
142. Gangrene	80	37	..	..	..	..	..	..	..	..	..
143. Carbuncle	17	13	2	..	..	..	..	2	..	..	1
144. Phlegmon, acute abscess	83	51	7	3	..	..	..	10	2	1	2
145. Other diseases of skin and adnexa	41	21	15	1	..	..	..	16	..	1	..
IX.—Diseases of Locomotory System.											
146. Diseases of bones (non-tuberculous)	97	62	8	16	3	1	1	29	5	4	1
147. Arthritis, other diseases of joints (except tuberculosis and rheumatism)	8	3	1	..	..	..	..	1	..	..	..
148. Amputation	..	..	..	..	..	..	..	..	..	..	..
149. Other diseases of organs of locomotion	2	2	..	..	..	..	..	..	..	1	..
X.—Malformations.											
150. Congenital malformations	660	383	357	9	3	3	1	373	4	1	4
XI.—Diseases of Infancy.											
151. Congenital debility, icterus and scleroma (of which)	4,082	2,295	2,292	3	..	..	..	2,295	..	..	..
151a. Injury during birth	340	195	195	..	..	..	..	195	..	..	..
152. Other diseases peculiar to infancy	138	75	75	..	..	..	..	75	..	..	..
153. Neglect	10	6	6	..	..	..	..	6	..	..	..
XII.—Diseases of Old Age.											
154. Senile debility	683	256	..	..	..	..	..	..	..	..	..

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
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..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	1	2	..	5	..	9	1	2	4	6	2	5	1	..
1	..	1	1	1	..	1	1	1	..	1	..	..	..	..
2	2	4	2	5	7	2	4	3	1	1	1	..	..	..
1	..	..	..	2	..	1	..	..	..	..	..	..	..	..
1	4	4	1	5	1	1	1	1	2	..	..	..	1	..
..	..	..	..	..	..	..	1	1	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	1	..	..	..	..	..	..	..	..	..
..	..	1	..	..	..	..	..	..	..	..	..	..	11	..
..	..	..	..	..	..	..	..	..	..	..	..	..	87	..
..	..	..	..	..	..	..	..	..	..	..	..	..	8	..
..	..	..	..	..	..	..	..	..	..	..	..	..	4	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	1	1	9	23	35	46	75	66	1	..

Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
XIII.—External Causes.											
155. Suicide by poison.....	114	75	..	..	..	..	..	..	..	..	1
156. Suicide by asphyxia..	198	142	..	..	..	..	..	..	..	..	5
157. Suicide by hanging or strangulation...	104	88	..	..	..	..	..	..	..	..	6
158. Suicide by drowning..	6	4	..	..	..	..	..	..	..	..	..
159. Suicide by firearms...	211	197	..	..	..	..	..	..	..	..	5
160. Suicide by cutting instruments.....	32	27	..	..	..	..	..	..	..	..	..
161. Suicide by precipitation from height...	40	26	..	..	..	..	..	..	..	..	..
162. Suicide by crushing...	4	3	..	..	..	..	..	..	..	..	..
163. Suicide by other methods.....	1	1	..	..	..	..	..	..	..	..	..
164. Fractures.....	158	134	2	..	1	1	1	5	2	3	2
165. Dislocations.....	1	1	..	..	..	..	..	..	..	..	..
166. Other accidental injuries.....	2,142	1,717	10	12	23	22	35	102	147	76	76
167. Burn, by fire, scald...	420	164	9	27	22	17	11	86	14	2	7
168. Burning by corrosive substances.....	..	..	..	..	..	..	..	..	..	..	..
169. Sunstroke.....	79	50	8	5	..	2	..	15	2	..	..
170. Freezing.....	9	9	..	..	..	..	..	..	..	..	..
171. Electrical shock	36	35	..	..	..	..	..	..	..	2	3
172. Accidental drowning..	436	403	2	..	1	..	1	4	22	18	33
173. Inanition (starvation).	3	2	..	..	..	..	..	..	..	..	..
174. Inhalation of noxious gas, not suicidal ...	391	266	2	4	1	..	..	7	1	2	14
175. Other acute poisoning.	104	58	5	3	4	2	1	15	6	..	2
176. Other external violence.....	422	291	50	2	1	..	..	53	3	4	18
(Of which)											
a. Homicide, by blows.	46	41	3	..	..	..	..	3	1	..	2
b. Homicide, by sharp instruments	45	34	..	..	..	..	..	..	..	..	2
c. Homicide, by gunshot.....	172	143	..	..	..	..	..	..	..	4	10
d. Homicide, by poison	..	..	..	..	..	..	..	..	..	..	..
e. Homicide, by other methods.....	22	12	2	..	..	..	..	2	1	1	..
XIV.—Ill-defined or Not Specified Causes.											
177. Dropsy.....	..	..	..	..	..	..	..	..	..	..	..
178. Sudden death, not puerperal.....	..	..	..	..	..	..	..	..	..	..	..
179. Ill-defined causes.....	697	357	321	31	3	1	..	356	..	..	..

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
6	6	5	13	12	10	9	4	5	2	1	1	..	..	..	..
12	13	16	13	15	14	18	13	8	7	4	3	..	1	..	..
6	10	16	6	6	4	8	7	7	7	2	1	2	..	..	..
..	..	1	..	2	..	..	..	1	..	..	..	..	..	..	..
20	19	19	31	18	19	20	16	11	11	3	4	1	..	2	..
..	1	8	..	4	3	2	5	1	2	1	..	..	..	..	..
3	5	6	3	3	1	4	1	..	..	..	..	..	..	..	..
1	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
7	14	13	16	7	22	14	7	8	6	5	1	2	..	1	..
..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..
150	180	137	182	187	136	106	82	60	34	24	22	12	4	31	2
3	8	11	6	11	4	2	2	2	1	..	..	3	2	2	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	3	1	2	4	2	3	4	4	4	3	1	1	..	2	..
..	..	1	2	2	2	1	..	..	1	..	..	..	..	..	..
8	6	4	4	4	2	1	1	..	..	..	..	..	..	..	..
36	28	39	48	64	51	30	11	11	7	..	..	1	..	7	..
..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..
18	21	23	42	24	27	21	22	18	13	8	2	2	1	2	..
3	3	3	6	7	..	5	3	2	1	2	..	..	..	1	..
41	44	47	24	14	20	9	8	5	1	..	..	..	..	11	2
5	8	2	1	7	7	3	2	..	..	..	..	..	..	2	..
7	7	10	5	..	1	1	1	..	..	..	..	..	..	..	1
30	27	35	14	6	5	5	5	1	1	..	..	..	..	5	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	1	1	1	1	3	..	..	1	..	..	..	..	..	..	1
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	1	..	..	..	..	..	..	..	..	..	15	..

Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
I.—General diseases...	21,887	12,393	779	628	410	312	209	2,338	455	165	397
a. Tuberculous diseases.....	10,262	6,475	171	120	73	49	37	450	98	53	286
b. Cancer.....	3,227	1,322	6	2	4	1	3	16	5	7	7
II.—Diseases of nervous system and organs of sense	5,662	3,020	486	154	83	46	32	801	93	52	63
III.—Diseases of circulatory system..	8,788	4,476	60	15	13	9	8	105	70	72	82
IV.—Diseases of respiratory system..	14,005	7,685	1,893	949	366	145	75	3,518	143	63	101
V.—Diseases of digestive system.	10,304	5,511	3,000	531	97	34	33	3,695	60	55	72
VI.—Diseases of genito-urinary system.	6,267	3,305	51	18	8	17	13	107	36	16	23
VII.—Puerperal diseases.	783	..	..	..	..	..	..	..	..	..	..
VIII.—Diseases of skin and cellular tissue.....	221	122	24	4	..	..	..	28	2	2	3
IX.—Diseases of locomotory system.	107	67	9	16	3	1	1	30	5	5	1
X.—Malformations.....	660	383	357	9	3	3	1	373	4	1	4
XI.—Diseases of infancy	4,230	2,376	2,373	3	..	..	..	2,376	..	..	..
XII.—Diseases of old age	683	256	..	..	..	..	..	..	..	..	..
XIII.—External causes....	4,911	3,693	88	53	53	44	49	287	197	107	172
a. Suicide.....	710	563	..	..	..	..	..	..	..	..	17
b. Homicide.....	285	230	5	..	..	..	..	5	2	5	14
c. Accident.....	3,916	2,900	83	53	53	44	49	282	195	102	141
XIV.—Causes ill-defined..	697	357	321	31	3	1	..	356	..	..	..
Total males.....	..	43,644	9,351	2,411	1,039	612	421	14,014	1,065	538	918
Total females...	..	35,561	7,906	2,082	874	531	387	11,780	922	516	861
Total both sexes.	..	79,205	17,437	4,493	1,913	1,143	808	25,794	1,987	1,054	1,779

CITY OF

Deaths of Females by Age, and Cause of Death,

Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
I.—General Diseases.										
1. Typhoid fever.....	243	2	1	..	2	2	7	13	21	34
2. Typhus fever.....	..	..	..	..	..	..	..	..	..	..
3. Relapsing fever.....	..	..	..	..	..	..	..	..	..	..
4. Malarial fever.....	26	1	4	..	1	1	7	3	..	1
5. Small-pox.....	4	1	..	..	..	..	1	1	..	..
6. Measles.....	334	88	131	51	31	12	313	16	2	1

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
1	..	..	..	1	4	..	..	5	2	..	..	..	..	..	..
8	18	11	12	15	11	19	23	14	18	23	17	7	7	9	..
109	128	153	210	212	221	304	333	413	404	347	269	150	81	105	..
1	1	2	4	5	4	7	11	8	11	9	6	4	3	3	..
1	1	2	5	4	4	19	20	18	27	37	26	26	17	7	..
2	3	2	9	9	5	13	8	11	10	12	4	6	5	..	..
..	1	2	3	1	1	2	5	..	2	4	1	1	1	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	1	..	1	1	..	..	..	..	..	1	..	..	..	4	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	1	1	..	..	..	1	..	1	1	..	..	..	1	..
..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..
2	1	..	2	1	1	1	5	12	17	23	20	19	27	12	..
5	3	3	6	1	4	9	6	16	19	20	20	23	29	4	..
28	29	29	37	28	40	45	65	93	84	89	96	68	50	110	..
69	96	136	144	140	134	140	161	203	186	153	102	64	61	79	1
3	4	9	6	4	7	5	4	6	6	3	2	1	..	2	..
..	..	1	..	1	1	..	..	1	2	4	6	5	6	1	..
2	..	..	..	..	2	1	..	..	..	..	1	..	..	..	..
..	1	2	5	2	2	4	10	15	14	7	5	8	3	1	..
..	..	..	..	3	1	2	3	8	4	5	5	5	1	..	..
1	1	..	3	1	1	1	..	3	3	2	..	..	1	1	..
..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..
1	2	4	..	3	..	1	..	1	..	..	..	..	..	1	..
..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..
4	7	7	6	7	8	6	4	..	4	..	3	..	..	1	..
4	4	5	3	3	12	2	8	10	13	13	14	8	9	2	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	86	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
9	10	10	10	11	13	13	27	23	26	35	25	12	12	7	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7	11	22	17	27	29	25	31	29	16	15	10	6	3	10	..
1	1	2	2	2	3	..	2	..	1	..	2	..	1	1	..

Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
7. Scarlet fever	395	11	45	61	56	48	221	115	33	11
8. Whooping cough	197	111	46	19	8	4	188	9	..	..
9. Diphtheria and croup	804	89	197	153	97	69	605	153	21	3
10. Influenza	384	26	6	3	3	2	40	8	2	4
11. Miliary fever	..	..	..	..	..	..	..	..	..	..
12. Asiatic cholera	..	..	..	..	..	..	..	..	..	..
13. Cholera nostras	..	..	..	..	..	..	..	..	..	..
14. Dysentery	61	9	6	..	2	..	17	..	..	2
15. Plague	..	..	..	..	..	..	..	..	..	..
16. Yellow fever	..	..	..	..	..	..	..	..	..	..
17. Leprosy	..	..	..	..	..	..	..	..	..	..
18. Erysipelas	117	64	2	1	1	..	68	..	..	2
19. Other epidemic diseases	11	6	..	1	..	..	7	..	..	..
20. Pymia, septicmia	36	14	1	2	1	..	18	3	1	1
21. Glanders	2	..	..	..	..	..	..	1	..	..
22. Malignant pustule	1	..	..	..	..	..	..	..	..	..
23. Hydrophobia	9	..	..	..	1	..	1	4	..	..
24. Actinomycosis	..	..	..	..	..	..	..	..	..	..
24a. Trichinosis	..	..	..	..	..	..	..	..	..	..
25. Pellagra	..	..	..	..	..	..	..	..	..	..
26. Tuberculosis of larynx	21	1	..	..	..	..	1	..	..	1
27. Tuberculosis of lungs	3,235	30	33	15	4	7	89	29	82	296
28. Tubercular meningitis	343	86	65	44	29	19	243	42	17	15
29. Abdominal tuberculosis	86	19	3	2	1	2	27	3	3	7
30. Potts' disease	31	..	..	..	..	2	2	5	4	5
31. Cold abscess	8	1	..	..	..	..	1	..	..	..
32. White swelling	12	2	..	..	..	..	2	1	1	3
33. Tuberculosis of other organs	20	1	..	..	1	..	2	1	..	1
34. General tuberculosis	31	5	6	1	1	1	14	1	2	2
35. Scrofula	..	..	..	..	..	..	..	..	..	..
36. Syphilis	168	109	5	2	..	..	116	4	..	2
37. Gonorrhea (adults)	10	..	..	..	..	..	..	..	..	2
38. Gonorrhea (children)	8	8	..	..	..	..	8	..	..	..
39. Cancer, etc., of the mouth	25	..	..	..	..	..	..	..	..	..
40. Cancer of stomach, liver	614	..	..	..	..	..	..	..	..	..
41. Cancer of intestines, rectum	256	..	..	..	..	..	..	..	1	2
42. Cancer of female genital organs	494	..	..	..	..	..	..	..	1	1

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
3	3	..	..	..	..	..	..	..	..	..	..	..	2	..
..	..	..	..	..	..	..	..	..	..	..	..	..	10	..
3	3	3	5	1	..	1	..	..	..	..	..	..	9	..
6	9	18	14	25	22	28	44	35	44	30	30	17	12	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3	1	1	5	2	4	3	2	7	2	5	3	4	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3	3	4	1	4	3	4	6	3	5	6	..	2	2	..
1	..	..	..	..	..	1	..	1	1	..	..	..	..	..
1	1	3	1	1	2	1	1	..	1	..	..	..	1	..
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	1	..	..	..	..	..	..	..	..
..	..	1	1	..	1	..	..	..	1	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5	2	3	1	1	1	1	..	..	..	1	..	..	1	..
539	464	418	296	186	122	82	67	50	29	11	5	3	186	..
4	5	4	1	..	..	1	..	1	..	..	..	..	8	..
6	8	5	6	3	5	4	3	..	..	..	..	..	5	..
4	3	2	2	..	..	..	..	1	2	1	..	..	3	..
2	2	..	..	..	..	..	1	1	..	..	..	..	1	..
..	..	..	..	2	..	2	..	1	..	..	..	..	..	..
..	3	1	3	1	..	2	..	..	2	..	..	..	..	..
2	..	2	1	..	..	..	..	..	..	..	..	..	2	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8	7	9	7	3	2	2	2	1	1	..	..	..	18	..
5	..	..	..	..	1	..	..	..	..	..	..	..	2	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	1	2	..	4	2	1	6	4	1	1	1	2	..	..
9	14	23	40	60	106	93	101	75	43	31	17	..	6	..
8	7	17	25	35	26	26	36	36	19	10	3	1	6	..
13	24	43	72	77	70	73	52	31	22	8	5	2	11	..

Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
43. Cancer of the breast	283	..	..	..	..	..	..	..	..	..
44. Cancer of the skin	34	..	..	..	..	..	..	..	1	..
45. Cancer of other organs and unspecified	199	5	1	..	..	..	6	2	1	5
46. Other tumors (except of female genital organs)	18	1	..	..	..	..	1	1	1	..
47. Acute articular rheumatism	202	5	2	2	6	7	22	29	26	17
48. Chronic rheumatism and gout	63	..	..	..	..	..	..	1	..	1
49. Scurvy	9	5	1	..	1	..	7	..	1	1
50. Diabetes	413	1	..	..	..	1	2	4	6	3
51. Exophthalmic goitre	30	2	..	..	..	..	2	..	..	1
52. Addison's disease	4	..	..	..	..	..	..	..	..	..
53. Leukemia	33	2	1	..	..	..	3	1	..	3
54. Anemia, chlorosis	79	2	1	1	..	..	4	1	1	8
55. Other general diseases	1	..	..	..	..	..	..	..	..	..
56. Alcoholism, acute and chronic	137	..	..	..	..	..	..	..	..	1
57. Lead poisoning	..	..	..	..	..	..	..	..	..	..
58. Other chronic poisonings of occupation	..	..	..	..	..	..	..	..	..	..
59. Other chronic poisonings	3	..	..	..	..	..	..	..	..	..
II.—Diseases of Nervous System and Organs of Sense.										
60. Encephalitis	7	..	..	1	..	..	1	2	1	1
61. Simple meningitis	458	109	77	28	33	22	269	59	27	25
61a. (of which) cerebro-spinal meningitis	261	52	41	17	20	13	144	43	18	19
62. Locomotor ataxia	24	..	..	..	..	..	..	..	..	..
63. Other diseases of spinal cord	108	11	6	3	2	1	23	6	4	4
64. Apoplexy, congestion of brain	1,360	10	4	1	..	..	15	2	..	1
65. Softening of brain	19	..	..	..	..	..	..	..	..	..
66. Paralysis, unspecified	90	..	1	..	1	1	3	..	1	2
67. General paresis	74	..	..	..	..	..	..	..	..	..
68. Other forms of insanity	24	..	..	..	..	..	..	..	..	2
69. Epilepsy	54	..	1	..	..	..	1	2	2	7
70. Convulsions (not puerperal)	2	..	..	..	..	..	..	1	..	..
71. Convulsions of infants	247	203	29	11	1	2	246	..	1	..
72. Tetanus, trismus	15	9	1	..	..	1	11	1	1	1
73. Chorea	9	..	..	..	..	..	..	2	1	2
74. Other nervous diseases	73	4	5	..	2	3	14	3	4	4
75. Diseases of the eyes	..	..	..	..	..	..	..	..	..	..
76. Diseases of the ears	78	16	4	6	1	4	31	3	4	4

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
5	15	26	33	37	39	37	35	16	21	11	6	2	6	..
..	2	1	1	3	4	4	3	5	3	3	3	1	..	..
5	11	13	16	28	29	15	22	17	11	10	3	1	2	..
..	..	2	2	4	3	..	1	1	..	1	..	..	..	..
6	12	12	9	9	10	7	9	7	8	6	..	1	5	..
..	1	1	3	8	5	7	7	10	8	7	1	3	2	..
..	..	..	..	..	..	..	..	..	..	..	..	..	2	..
8	10	14	17	27	49	60	69	69	42	21	6	2	7	..
3	6	3	1	5	4	1	1	1	..	..	..	..	..	..
..	..	1	1	..	1	..	..	..	1	..	..	..	..	..
4	..	4	5	2	3	..	2	2	..	..	..	..	..	..
2	4	4	7	7	8	10	10	4	3	2	1	1	1	..
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
19	20	34	18	13	8	3	8	2	3	1	1	..	3	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	1	..	1	..	..	..	..	..	..	..	..	..	..
1	..	..	..	..	..	..	1	..	..	..	..	..	..	..
8	12	8	9	5	5	4	7	3	1	..	1	1	10	1
6	5	3	4	1	1	..	2	2	..	..	..	..	5	..
..	2	1	5	2	2	3	3	1	4	1	..	..	1	..
2	4	4	5	7	3	11	12	7	4	2	4	2	1	..
10	16	36	59	83	134	175	191	199	169	137	68	62	32	..
..	..	1	..	1	2	1	1	4	4	..	4	1	..	..
1	..	1	3	2	6	12	7	9	19	12	10	2	3	..
4	5	8	9	9	3	5	2	4	9	9	5	1	2	..
3	3	1	3	2	1	2	2	3	..	1	..	..	..	..
6	3	3	1	4	2	2	4	4	1	1	1	..	3	..
..	..	..	..	..	..	1	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	5	..
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
..	1	..	1	..	..	1	..	..	..	..	..	..	..	..
4	5	4	1	7	7	5	4	..	2	1	2	2	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3	3	5	4	5	4	1	4	..	1	..	..	..	3	..

Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
III.—Diseases of Circulatory System.										
77. Pericarditis	26	1	3	..	1	..	5	3	4	1
78. Acute endocarditis	247	3	..	2	1	5	11	13	11	9
79. Organic heart diseases	3,571	10	2	6	8	10	36	47	66	88
80. Angina pectoris	77	..	..	..	..	..	..	..	1	..
81. Diseases of arteries, aneurism, etc	207	..	..	..	..	..	..	..	..	..
82. Embolism, thrombosis	107	2	..	1	..	..	3	1	1	3
83. Diseases of veins (hemorrhoids, varices, phlebitis, etc.)	24	..	..	..	..	..	..	..	..	..
84. Diseases of lymphatics (lymphangitis, etc.)	6	4	1	..	..	..	5	1	..	..
85. Hemorrhage	47	38	..	..	..	..	38	..	1	3
86. Other diseases of circulatory system	..	..	..	..	..	..	..	..	..	..
IV.—Diseases of Respiratory System.										
87. Diseases of the nasal fossæ	1	..	..	..	..	..	..	..	..	..
88. Diseases of the larynx	21	6	2	3	3	1	15	1	..	..
89. Diseases of thyroid gland	4	..	..	..	..	..	..	..	..	2
90. Acute bronchitis	516	274	74	17	7	2	374	8	3	..
91. Chronic bronchitis	180	7	3	1	1	..	12	..	1	3
92. Broncho-pneumonia	2,746	1,066	517	189	69	44	1,885	53	9	18
93. Pneumonia	2,551	269	189	83	43	25	609	67	40	46
94. Pleurisy	117	11	26	6	5	1	49	4	..	4
95. Congestion of lungs, pulmonary apoplexy	39	8	1	..	..	2	11	1	..	..
96. Gangrene of lung	6	..	..	..	..	..	..	..	..	..
97. Asthma	80	1	1	..	..	..	2	..	..	..
98. Pulmonary emphysema	38	..	..	..	1	..	1	..	..	..
99. Other diseases of respiratory system (phthisis excepted)	21	2	..	1	..	..	3	..	..	1
V.—Diseases of Digestive System.										
100. Diseases of mouth and adnexa	9	3	1	1	1	..	6	..	1	1
101. Diseases of pharynx	26	7	3	..	1	..	11	1	2	..
102. Diseases of esophagus	2	..	..	..	..	..	..	..	..	..
103. Ulcer of the stomach	60	1	..	..	1	..	2	1	..	1
104. Other diseases of stomach (cancer excepted)	150	28	5	..	2	2	37	2	2	1
105. Diarrhea and enteritis (under two years)	2,959	2,445	462	1	..	..	2,959	..	..	..
(Of which) chronic diarrhea	..	..	..	..	..	..	..	..	..	..
106. Diarrhea and enteritis (two years and over)	398	..	..	79	40	14	133	19	6	4
107. Intestinal parasites	1	..	..	..	..	..	..	1	..	..
108. Hernia, intestinal obstruction	301	34	5	4	1	..	44	5	..	4
109. Other diseases of intestines	42	20	1	..	..	..	21	2	1	1

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
..	..	..	1	4	..	..	5	2	..	..	..	..	..	..
18	11	12	15	11	19	23	14	18	23	17	7	7	9	..
128	153	210	212	221	304	333	413	404	347	269	150	81	105	..
1	2	4	5	4	7	11	8	11	9	6	4	3	3	..
1	2	5	4	4	19	20	18	27	37	26	26	17	7	..
3	2	9	9	5	13	8	11	10	12	4	6	5	..	..
1	2	3	1	1	2	5	..	2	4	1	1	1	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	..	1	1	..	..	..	..	..	1	..	..	..	4	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
..	1	1	..	..	..	1	..	1	1	..	..	..	1	..
..	..	1	..	..	..	1	..	..	..	..	..	..	..	..
1	..	2	1	1	1	5	12	17	23	20	19	27	12	..
3	3	6	1	4	9	6	16	19	20	20	23	29	4	..
29	29	37	28	40	45	65	93	84	89	96	68	50	110	..
96	136	144	140	134	140	161	203	186	153	102	64	61	79	1
4	9	6	4	7	5	4	6	6	3	2		..	2	..
..	1	..	1	1	..	..	1	2	4	6		6	1	..
..	..	..	..	2	1	..	..	..	..	1		..	..	..
1	2	5	2	2	4	10	15	14	7	5	8	3	1	..
..	..	..	3	1	2	3	8	4	5	5	5	1	..	..
1	..	3	1	1	1	..	3	3	2	..	..	1	1	..
..	..	..	1	..	..	..	..	..	..	..	..	..	1	..
2	4	..	3	..	1	..	1	..	..	..	..	..	1	..
..	..	..	..	..	..	..	1	1	..	..	..	..	..	..
7	7	6	7	8	6	4	..	4	..	3	..	..	1	..
4	5	3	3	12	2	8	10	13	13	14	8	9	2	..
..	..	..	..	..	..	..	..	..	..	..	..	..	86	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10	10	10	11	13	13	27	23	26	35	25	12	12	7	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
11	22	17	27	29	25	31	29	16	15	10	6	3	10	..
1	2	2	2	3	..	2	..	1	..	2	..	1	1	..

Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
110. Acute yellow atrophy of liver...	5	..	..	..	..	..	..	..	1	1
111. Hydatid tumor of liver.....	1	..	..	..	..	..	..	..	..	..
112. Cirrhosis of liver.....	412	..	..	..	..	..	..	..	1	..
113. Biliary calculi	68	1	..	..	..	..	1	..	..	1
114. Other diseases of liver.....	75	3	3	1	1	..	8	..	1	1
115. Diseases of spleen.....	3	..	..	1	..	..	1	..	..	..
116. Simple peritonitis (non-puerperal).....	39	4	..	1	..	2	7	..	3	2
117. Other diseases of digestive system (except tuberculosis and cancer).....	6	..	..	..	..	..	..	..	..	..
118. Appendicitis and iliac abscess..	236	2	1	2	..	1	6	30	22	28
VI.—Diseases of Genito-urinary System.										
119. Acute nephritis.....	304	20	4	9	5	7	45	15	9	9
120. Bright's disease.....	2,306	9	2	2	2	5	20	11	9	23
121. Other diseases of kidneys and adnexa.....	26	1	..	..	..	..	1	..	..	1
122. Urinary calculus.....	5	..	..	..	..	..	..	..	..	..
123. Diseases of bladder.....	10	..	..	..	..	..	..	1	..	..
124. Diseases of urethra, urinary abscess, etc	..	..	..	..	..	..	..	..	..	..
125. Diseases of the prostate.....	..	..	..	..	..	..	..	..	..	..
126. Non-venereal diseases of male genital organs.....	..	..	..	..	..	..	..	..	..	..
127. Metritis	6	..	..	..	..	..	..	..	..	..
128. Uterine hemorrhage (non-puerperal).....	2	..	..	..	..	..	..	..	..	..
129. Uterine tumor (not cancer).....	87	..	..	..	..	..	..	..	..	1
130. Other diseases of uterus.....	38	..	..	..	..	..	..	..	..	..
131. Ovarian cysts and tumors.....	60	..	..	..	..	..	..	..	..	..
132. Other diseases of female genital organs.....	115	..	..	..	..	..	..	..	..	8
133. Diseases of breast (not puerperal, nor cancer).....	3	1	..	..	..	..	1	..	..	..
VII.—Puerperal Diseases.										
134. Accidents of pregnancy.....	128	..	..	..	..	..	..	..	..	7
135. Puerperal hemorrhage.....	50	..	..	..	..	..	..	..	..	2
136. Other accidents of labor.....	94	..	..	..	..	..	..	..	..	6
137. Puerperal septicemia.....	322	..	..	..	..	..	..	..	1	17
138. Puerperal albuminuria and convulsions.....	166	..	..	..	..	..	..	..	2	9
139. Puerperal phlegmasia alba dolens.....	1	..	..	..	..	..	..	..	..	..
140. Other accidents of parturition, sudden death.....	22	..	..	..	..	..	..	..	..	1
141. Puerperal diseases of breast....	..	..	..	..	..	..	..	..	..	..
VIII.—Diseases of Skin and Cellular Tissue.										
142. Gangrene.....	43	1	1	2	2	..	6	..	..	..
143. Carbuncle	4	3	..	..	..	..	3	..	..	..

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
..	..	1	..	..	..	1	..	..	..	1	..	..	..	..	..
..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..
7	13	36	53	44	52	52	34	39	35	24	15	7	..	5	1
2	..	4	5	7	8	8	11	10	7	3	..	..	1	..	..
1	5	3	5	4	9	5	7	8	5	8	2	..	3	1	..
..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..
5	4	4	2	4	3	2	2	..	..	..	..	..	1	..	..
..	1	..	1	3	..	..	..	..	..	..	1	..	..	1	..
28	30	22	16	14	14	5	6	8	2	1	3	..	1	5	..
17	31	24	30	18	26	20	13	12	13	6	8	6	2	13	..
45	100	108	169	172	188	231	213	246	249	205	172	92	53	59	..
1	3	3	..	3	2	..	6	1	3	2	..	..	..	..	..
..	1	..	2	..	1	..	..	1	..	..	..	..	..	..	..
..	2	..	..	..	..	..	1	..	2	1	3	..	..	2	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	..	..	2	1	..	1	..	..	..	..	..	..	..	..	..
1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
4	3	13	12	13	23	6	2	4	4	..	..	1	1	7	..
6	5	5	7	4	2	3	2	4	..	..	..	..	..	3	..
2	5	2	15	7	9	11	..	2	2	3	..	2	..	2	..
20	23	18	21	18	5	1	..	..	..	1	..	..	..	7	..
..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..
23	27	38	27	5	1	..	..	..	..	..	..	..	..	4	..
9	20	10	6	3	..	..	..	..	..	..	..	..	..	1	..
7	28	15	25	12	1	..	..	..	..	..	..	..	..	5	..
92	75	75	51	10	1	..	..	..	..	..	..	..	..	6	..
35	46	35	29	10	..	..	..	..	..	..	..	..	..	9	..
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
5	6	6	2	1	1	..	..	..	..	..	..	..	..	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	3	1	2	4	7	8	7	5	..	..
..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..

Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
144. Phlegmon, acute abscess	32	10	3	..	..	..	13	..	1	1
145. Other diseases of skin and adnexa	20	8	..	..	..	..	8	..	..	..
IX.-Diseases of Locomotory System.										
146. Diseases of bones (non-tuberculous)	35	15	4	..	1	1	21	3	2	3
147. Arthritis, other diseases of joints (except tuberculosis and rheumatism)	5	1	..	..	..	..	1	..	1	..
148. Amputation	..	..	..	..	..	..	..	..	..	..
149. Other diseases of organs of locomotion	..	..	..	..	..	..	..	..	..	..
X.—Malformations.										
150. Congenital malformations	277	261	4	5	1	3	274	1	1	..
XI.—Diseases of Infancy.										
151. Congenital debility, icterus and sclerema (of which)	1,787	1,782	4	1	..	..	1,787	..	..	..
151a. Injury during birth	145	145	..	..	..	..	145	..	..	..
152. Other diseases peculiar to infancy	63	62	1	..	..	..	63	..	..	..
153. Neglect	4	4	..	..	..	..	4	..	..	..
XII.—Diseases of Old Age.										
154. Senile debility	427	..	..	..	..	..	..	..	..	..
XIII.—External Causes.										
155. Suicide by poison	39	..	..	..	..	..	..	..	..	1
156. Suicide by asphyxia	56	..	..	..	..	..	..	..	..	6
157. Suicide by hanging or strangulation	16	..	..	..	..	..	..	..	..	1
158. Suicide by drowning	2	..	..	..	..	..	..	..	..	1
159. Suicide by firearms	14	..	..	..	..	..	..	..	..	1
16. Suicide by cutting instruments	5	..	..	..	..	..	..	..	..	..
161. Suicide by precipitation from height	14	..	..	..	..	..	..	..	..	..
162. Suicide by crushing	1	..	..	..	..	..	..	..	..	..
163. Suicide by other methods	..	..	..	..	..	..	..	..	..	..
164. Fractures	24	1	..	..	1	..	2	2	..	1
165. Dislocations	..	..	..	..	..	..	..	..	..	..
166. Other accidental injuries	425	12	14	18	22	19	85	45	20	13
167. Burn, by fire, scald	256	9	20	18	21	26	94	43	14	14
168. Burning by corrosive substances.	..	..	..	..	..	..	..	..	..	..
169. Sunstroke	29	5	..	1	..	1	7	..	1	1
170. Freezing	..	..	..	..	..	..	..	..	..	..
171. Electrical shock	1	..	..	..	..	..	..	..	..	..
172. Accidental drowning	33	1	..	1	..	2	4	..	..	4
173. Inanition (starvation)	1	..	..	..	..	..	..	..	..	..

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
1	1	1	2	2	3	3	..	..	1	1	..	..	3	..
..	1	..	..	4	..	1	4	1	..	..	..	1	..	..
..	3	1	..	..	1	..	..	..	..	..	..	..	2	..
..	..	..	..	..	1	1	..	..	1	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	.	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	5	..
..	..	..	..	..	..	..	..	..	..	..	..	..	64	..
..	..	..	..	..	..	..	..	..	..	..	..	..	3	..
..	..	..	..	..	..	..	..	..	..	..	..	..	2	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	1	4	12	24	58	88	119	121	6	..
5	7	4	1	4	4	3	1	2	1	..	..	..	1	..
7	6	4	4	4	7	3	3	4	1	1	..	..	1	..
2	..	..	2	5	2	1	..	..	1	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	3	2	2	..	..	..	..	..	..	..	..	..	..	..
1	..	3	..	..	..	..	..	1	..	..	..	..	..	..
4	2	2	..	1	..	3	1	..	..	..	..	..	1	..
..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	1	2	..	..	1	..	3	2	1	3	2	1	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
21	16	26	24	15	20	27	18	22	18	18	15	10	4	..
7	12	11	11	7	8	2	8	2	1	5	2	6	11	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	..	..	1	2	3	1	3	1	4	..	2	..	2	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
6	6	1	..	..	5	2	..	..	..	..	1	..	2	..
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..

Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
174. Inhalation of noxious gas, not suicidal	125	2	3	2	2	2	11	1	1	11
175. Other acute poisoning	46	6	1	1	..	1	9	3	2	1
176. Other external violence	131	27	..	1	..	..	28	4	4	6
(Of which)										
a. Homicide, by blows	5	2	..	..	..	..	2	..	1	..
b. Homicide, by sharp instruments	11	..	..	..	..	..	..	..	..	1
c. Homicide, by gunshot	29	..	..	1	..	..	1	1	..	4
d. Homicide, by poison	..	..	..	..	..	..	..	..	..	..
e. Homicide, by other methods	10	4	..	..	..	..	4	2	1	..
XIV.—Ill-defined or Not Specified Causes.										
177. Dropsy	..	..	..	..	..	..	..	..	..	..
178. Sudden death, not puerperal	..	..	..	..	..	..	..	..	..	..
179. Ill-defined causes	340	295	36	6	2	..	339	1	..	..
I.—General diseases	9,494	707	557	358	246	177	2,045	451	228	436
a. Tuberculous diseases	3,787	145	107	62	36	31	381	82	109	330
b. Cancer	1,905	5	1	..	..	..	6	2	4	8
II.—Diseases of nervous system and organs of sense	2,642	362	128	50	40	34	614	81	46	53
III.—Diseases of circulatory system	4,312	58	6	9	10	15	98	65	84	104
IV.—Diseases of respiratory system	6,320	1,644	813	300	129	75	2,961	134	53	74
V.—Diseases of digestive system.	4,793	2,599	481	90	47	19	3,236	61	40	45
VI.—Diseases of genito-urinary system	2,962	31	6	11	7	12	67	27	18	42
VII.—Puerperal diseases	783	..	..	..	..	..	..	..	3	42
VIII.—Diseases of skin and cellular tissue	99	22	4	2	2	..	30	..	1	1
IX.—Diseases of locomotory system	40	16	4	..	1	1	22	3	3	3
X.—Malformations	277	261	4	5	1	3	274	1	1	..
XI.—Diseases of infancy	1,854	1,848	5	1	..	..	1,854	..	..	..
XII.—Diseases of old age	427	..	..	..	..	..	..	..	..	..
XIII.—External causes	1,218	63	38	42	46	51	240	98	39	61
a. Suicide	147	..	..	..	..	..	..	..	..	10
b. Homicide	55	6	..	1	..	..	7	3	2	5
c. Accident	1,016	57	38	41	46	51	233	95	37	46
XIV.—Causes ill-defined	340	295	36	6	2	..	339	1	..	..
Total females	35,561	7,906	2,082	874	531	387	11,780	922	516	861

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7	8	11	4	4	10	8	3	2	1	1	..	..	6	1
..	..	2	1	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	2	3	5	4	10	7	6	8	2	1	3	1	..	..
6	5	14	30	38	60	61	63	41	27	10	3	..	9	1
1	6	6	14	15	16	14	18	16	7	10	..	..	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	1	..	1	..	..	..	..	..	..	..
..	..	..	1	4	5	1	6	3	1	..	2	..	..	..
5	7	9	15	17	20	16	30	24	15	5	2	..	1	1
..	..	..	2	2	..	4	3	1	..	..	..	..	..	..
5	9	5	5	3	6	8	3	5	3	2	1	..	..	..
..	..	1	3	3	2	4	3	5	5	5	1	1	..	..
..	..	..	..	..	..	1	..	..	..	..	..	..	..	..
2	6	5	5	13	20	17	20	15	9	4	..	..	..	..
..	..	..	1	1	..	2	..	..	..	..	..	..	..	..
..	2	1	..	1	1	..	1	..	..	..	..	..	..	..
6	3	2	2	1	4	..	1	..	4	..	..	..	..	..
..	3	2	..	..	2	3	1	2	1	1	..	..	..	..
..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
25	58	75	59	56	39	24	8	18	3	2	..	..	..	..
..	1	..	2	..	1	1	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	1	1	2	..	..	..	..	..	..	..	..	..	..	1
..	..	1	..	..	1	..	..	..	..	..	..	..	..	..
21	14	6	13	14	6	8	3	4	2	1	..	..	11	1
18	10	4	7	5	1	5	1	1	..	..	..	..	9	1
1	1	5	2	3	5	5	6	5	3	2	..	..	..	..
2	4	3	4	4	4	7	4	2	6	3	..	..	1	..
4	15	23	24	34	70	88	99	79	69	46	17	14	9	2
..	..	1	..	..	2	..	1	1	..	1	..	2	..	..
..	..	4	3	5	5	4	3	5	2	1	2	2	1	..
3	15	20	20	9	7	5	7	3	1	..	..	..	5	..

Total Deaths according to Sex and

	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
Borough of Manhattan—										
Males	23,033	5,209	1,330	538	282	194	7,553	489	229	439
Females	18,286	4,393	1,152	465	250	176	6,436	393	235	419
Total both sexes	41,319	9,602	2,482	1,003	532	370	13,989	882	464	858
Borough of The Bronx—										
Males	3,581	569	170	76	52	35	902	88	57	106
Females	2,798	475	141	54	52	32	754	80	61	91
Total both sexes	6,379	1,044	311	130	104	67	1,656	168	118	197
Borough of Brooklyn—										
Males	13,879	3,039	767	369	233	165	4,573	406	205	301
Females	12,164	2,464	691	312	197	155	3,819	371	187	297
Total both sexes	26,043	5,503	1,458	681	430	320	8,392	777	392	598
Borough of Queens—										
Males	2,153	509	99	49	39	20	716	66	36	54
Females	1,704	427	76	30	21	19	573	64	27	34
Total both sexes	3,857	936	175	79	60	39	1,289	130	63	88
Borough of Richmond—										
Males	998	205	45	7	6	7	270	16	11	18
Females	609	147	22	13	11	5	198	14	6	20
Total both sexes	1,607	352	67	20	17	12	468	30	17	38
City of New York—										
Males	43,644	9,531	2,411	1,039	612	421	14,014	1,065	538	918
Females	35,561	7,906	2,082	874	531	387	11,780	922	516	861
Total both sexes	79,205	17,437	4,493	1,913	1,143	808	25,794	1,987	1,054	1,779

Age, by Boroughs and City, Year 1907.

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
778	1,097	1,326	1,565	1,488	1,448	1,499	1,277	1,234	982	726	495	278	130	722	68
675	815	865	976	868	838	936	902	1,019	878	767	596	391	277	653	3
1,453	1,912	2,191	2,541	2,356	2,286	2,435	2,179	2,253	1,860	1,493	1,091	669	407	1,375	71
167	212	255	252	289	281	240	144	167	155	116	74	49	27	97	3
140	159	148	178	124	140	126	141	167	153	129	98	66	43	102	..
307	371	403	430	413	421	366	285	334	308	245	172	115	70	199	3
463	541	711	898	803	793	729	729	717	665	540	409	247	149	318	6
453	530	521	577	516	535	587	623	697	723	626	505	335	262	280	..
916	1,071	1,232	1,475	1,319	1,328	1,316	1,352	1,414	1,388	1,166	914	582	411	598	6
83	82	115	116	124	130	120	84	118	103	81	51	48	26	57	..
51	69	72	68	84	69	79	78	98	86	94	80	47	31	51	..
134	151	187	184	208	199	199	162	216	189	175	131	95	57	108	..
27	46	49	55	66	48	52	44	51	58	76	58	34	19	23	..
11	23	24	20	27	25	23	39	41	41	34	25	15	23	16	..
38	69	73	75	93	73	75	83	92	99	110	83	49	42	39	..
1,518	1,978	2,456	2,886	2,770	2,700	2,640	2,278	2,287	1,963	1,539	1,087	656	351	1,217	77
1,330	1,596	1,630	1,819	1,619	1,607	1,751	1,783	2,022	1,881	1,650	1,304	854	636	1,102	3
2,848	3,574	4,086	4,705	4,389	4,307	4,391	4,061	4,309	3,844	3,189	2,391	1,510	987	2,319	80

Deaths of Males by Age, and Cause of Death,

Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
I.—General Diseases.											
1. Typhoid fever.....	372	260	..	..	5	..	1	6	8	12	22
2. Typhus fever.....	..	..	..	..	..	..	..	..	..	..	..
3. Relapsing fever.....	..	..	..	..	..	..	..	..	..	..	..
4. Malarial fever.....	16	8	..	1	..	..	..	1	..	..	1
5. Small-pox	1	1	..	..	..	..	..	..	..	..	..
6. Measles.....	327	177	60	78	17	9	2	166	7	1	1
7. Scarlet fever.....	344	175	8	19	29	30	21	107	45	10	1
8. Whooping cough.....	168	88	53	23	9	3	..	88	..	..	..
9. Diphtheria and croup.	841	440	77	126	81	60	33	377	43	2	2
10. Influenza	321	130	4	5	3	..	..	12	1	..	2
11. Miliary fever.....	..	..	..	..	..	..	..	..	..	..	..
12. Asiatic cholera	..	..	..	..	..	..	..	..	..	..	..
13. Cholera nostras.....	..	..	..	..	..	..	..	..	..	..	..
14. Dysentery.....	34	14	2	..	..	..	..	2	1	..	..
15. Plague.....	..	..	..	..	..	..	..	..	..	..	..
16. Yellow fever.....	..	..	..	..	..	..	..	..	..	..	..
17. Leprosy	1	1	..	..	..	..	..	..	..	..	..
18. Erysipelas.....	202	128	36	2	1	..	..	39	..	..	1
19. Other epidemic diseases	15	8	1	2	..	..	..	3	..	..	1
20. Pyemia, septicemia....	64	38	20	..	1	..	..	21	2	..	2
21. Glanders.....	5	3	..	..	..	..	..	..	..	..	..
22. Malignant pustule....	..	..	..	..	..	..	..	..	..	..	..
23. Hydrophobia.....	13	9	..	..	..	..	1	1	1	1	2
24. Actinomycosis.....	1	1	..	..	..	..	..	..	..	..	..
24a. Trichinosis.....	..	..	..	..	..	..	..	..	..	..	..
25. Pellagra	..	..	..	..	..	..	..	..	..	..	..
26. Tuberculosis of larynx	27	16	..	..	..	..	..	..	..	..	..
27. Tuberculosis of lungs.	4,570	2,998	24	19	11	3	5	62	19	9	116
28. Tubercular meningitis	454	246	67	46	30	24	18	185	25	5	3
29. Abdominal tuberculosis.....	91	48	4	2	4	2	1	13	3	1	3
30. Pott's disease.....	38	21	..	1	..	1	..	2	5	1	1
31. Cold abscess.....	8	4	1	..	1	..	..	2	..	..	..
32. White swelling.....	21	15	1	..	..	1	1	3	4	..	..
33. Tuberculosis of other organs.....	29	19	1	1	..	..	..	2	..	..	3
34. General tuberculosis..	16	8	2	1	..	1	..	4	..	..	..

NHATTAN.

the Year Ending December 31, 1907.

0	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
40	42	37	39	17	16	6	7	2	3	1	2	..	..	4	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	2	1	..	..	..	..	..	2	..	1	..	..	..	..	..
..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
..	..	1	..	1	..	..	..	..	..	..	..	..	..	1	..
4	2	1	2	..	..	2	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	..
2	4	2	1	2	1	3	1	..	..	..	..	..	..	3	..
3	3	7	6	13	5	10	14	11	14	11	11	5	2	11	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	1	1	..	1	2	1	1	1	3	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..
8	5	13	10	9	12	7	6	4	7	3	3	1	..	1	1
1	..	1	1	..	..	1	..	..	..	..	..	..	..	..	..
..	3	3	3	1	..	1	..	1	1	..	..	..	..	1	1
..	..	..	..	1	2	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	2	1	1	..	..	..	..	..	..	..	..	..	..	..	..
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	4	3	..	1	6	2	..	..	..	..	..	..	..	..	..
245	374	416	435	379	332	256	159	97	59	25	11	3	1	143	32
6	5	6	5	1	3	1	..	1	..	..	..	..	..	12	..
4	7	2	..	4	2	6	1	2	..	..	..	..	..	..	1
3	2	1	2	..	2	..	..	1	1	..	..	..	..	1	..
..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..
1	2	1	2	..	1	..	1	..	..	..	..	..	..	3	..
2	1	1	3	1	1	3	1	..	1	.	..	..	..	..	..
..	..	1	1	..	1	1	..	..	..	..	..	..	..	..	..

Cause of Death.	Total both Sexes.	All Ages.	Under 1 year.	1	2	3	4	Total Under 5.	5	10	15
35. Scrofula	..	..	..	..	..	..	..	..	..	..	..
36. Syphilis	273	142	72	4	2	1	..	79	..	..	2
37. Gonorrhea (adults)	14	5	..	..	..	..	..	..	..	..	2
38. Gonorrhea (children)	15	8	7	1	..	..	..	8	..	..	..
39. Cancers, etc., of the mouth	69	56	2	..	..	..	..	2	..	..	1
40. Cancer of stomach, liver	688	363	..	1	..	..	..	1	..	..	2
41. Cancer of intestines, rectum	275	129	..	..	..	..	..	..	1	..	2
42. Cancer of female genital organs	263	..	..	..	..	..	..	..	..	..	..
43. Cancer of breast	160	2	..	..	..	..	..	..	..	..	..
44. Cancer of skin	45	25	..	..	..	..	..	..	..	..	..
45. Cancer of other organs and unspecified	282	180	2	1	4	1	1	9	3	2	1
46. Other tumors (except of female genital organs)	26	15	..	1	..	..	..	1	2	..	..
47. Acute articular rheumatism	192	92	3	3	2	2	2	12	10	8	5
48. Chronic rheumatism and gout	77	37	..	..	..	..	..	..	2	1	..
49. Scurvy	4	1	..	..	..	..	..	..	..	..	..
50. Diabetes	328	121	..	..	..	..	..	..	..	..	2
51. Exophthalmic goitre	28	5	..	..	..	..	..	..	..	..	1
52. Addison's disease	10	6	..	..	..	..	..	..	..	..	..
53. Leukemia	56	53	..	..	1	..	1	2	3	3	2
54. Anemia, chlorosis	54	21	..	2	..	..	..	2	..	1	..
55. Other general diseases	3	2	1	..	..	..	..	1	..	..	..
56. Alcoholism, acute and chronic	482	373	..	..	..	..	..	..	..	..	..
57. Lead poisoning	5	5	..	..	..	..	..	..	..	..	..
58. Other chronic poisonings of occupation	..	..	..	..	..	..	..	..	..	..	..
59. Other chronic poisonings	9	6	..	..	..	..	..	..	..	..	..
II.—Diseases of Nervous System and Organs of Sense.											
60. Encephalitis	6	2	..	..	..	..	..	..	..	..	..
61. Simple meningitis	677	391	69	59	34	23	14	199	37	18	25
61a. (of which) Cerebro-spinal meningitis.	433	269	42	34	24	20	11	131	28	16	23
62. Locomotor ataxia	49	39	1	..	..	..	..	1	..	..	..
63. Other diseases of spinal cord	114	68	4	7	4	..	1	16	3	2	2
64. Apoplexy, congestion of brain	1,180	592	7	..	2	..	..	9	..	..	2
65. Softening of brain	19	8	..	..	..	..	..	..	..	..	..
66. Paralysis, unspecified.	79	36	..	..	..	..	..	..	..	..	..
67. General paresis	131	90	..	..	..	..	..	..	..	..	..

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	7	8	11	4	4	10	8	3	2	1	1	..	..	6	1
..	..	..	2	1	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	..	2	3	5	4	10	7	6	8	2	1	3	1	..	..
4	6	5	14	30	38	60	61	63	41	27	10	3	..	9	1
3	1	6	6	14	15	16	14	18	16	7	10	..	..	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..
2	..	..	..	1	4	5	1	6	3	1	..	2	..	..	..
..	5	7	9	15	17	20	16	30	24	15	5	2	..	1	1
..	..	..	..	2	2	..	4	3	1	..	..	..	..	..	..
2	5	9	5	5	3	6	8	3	5	3	2	1	..	..	..
1	..	..	1	3	3	2	4	3	5	5	5	1	1	..	..
..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..
3	2	6	5	5	13	20	17	20	15	9	4	..	..	..	..
..	..	..	..	1	1	..	2	..	..	..	..	..	..	..	..
..	..	2	1	..	1	1	..	1	..	..	..	..	..	..	..
..	6	3	2	2	1	4	..	1	..	4	..	..	..	..	..
3	..	3	2	..	..	2	3	1	2	1	1	..	..	..	..
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
6	25	58	75	59	56	39	24	8	18	3	2	..	..	..	..
..	..	1	..	2	..	1	1	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	2	1	1	2	..	..	..	..	..	..	..	..	..	..	1
..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..
20	21	14	6	13	14	6	8	3	4	2	1	..	..	11	1
19	18	10	4	7	5	1	5	1	1	..	..	..	..	9	1
..	1	1	5	2	3	5	5	6	5	3	2	..	..	..	..
2	2	4	3	4	4	4	7	4	2	6	3	..	..	1	..
1	4	15	23	24	34	70	88	99	79	69	46	17	14	9	2
..	..	..	1	..	..	2	..	1	1	..	1	..	2	..	..
..	..	..	4	3	5	5	4	3	5	2	1	2	2	1	..
..	3	15	20	20	9	7	5	7	3	1	..	..	..	5	..

Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	1
68. Other forms of insanity	24	11	..	..	..	..	..	..	..	
69. Epilepsy	62	32	..	..	..	1	..	1	1	
70. Convulsions (not puerperal)	1	..	..	..	..	..	..	..	..	.
71. Convulsions of infants	321	191	171	15	3	2	..	191	..	.
72. Tetanus, trismus	26	18	7	..	..	..	1	8	..	.
73. Chorea	12	3	..	..	..	..	..	..	..	.
74. Other nervous diseases	112	61	3	..	2	1	..	6	4	
75. Diseases of the eyes	4	4	2	..	..	..	..	2	..	.
76. Diseases of the ears	159	104	22	12	8	1	6	49	4	
III.—Diseases of Circulatory System.										
77. Pericarditis	23	10	..	..	..	..	..	..	..	.
78. Acute endocarditis	121	63	3	3	2	..	..	8	3	
79. Organic heart diseases	3,607	1,853	4	2	2	1	2	11	24	2
80. Angina pectoris	77	47	..	..	..	..	..	..	..	.
81. Diseases of arteries, aneurism, etc	173	102	..	..	..	..	..	..	..	.
82. Embolism, thrombosis	87	30	..	..	..	..	..	..	..	
83. Diseases of veins (hemorrhoids, varices, phlebitis, etc.)	18	5	..	..	..	..	..	..	..	..
84. Diseases of lymphatics (lymphangitis, etc.)	9	5	2	1	..	..	..	3	..	
85. Hemorrhage	71	38	29	..	..	..	..	29	..	..
86. Other diseases of circulatory system	1	1	1	..	..	..	..	1	..	..
IV.—Diseases of Respiratory System.										
87. Diseases of nasal fossæ	3	2	..	..	1	..	..	1	..	.
88. Diseases of the larynx	21	13	7	..	2	..	..	9	1	..
89. Diseases of thyroid gland	3	1	..	..	..	..	..	..	..	.
90. Acute bronchitis	381	195	120	32	6	..	..	158	2	
91. Chronic bronchitis	122	60	1	1	..	..	..	2	1	..
92. Broncho-pneumonia	3,411	1,757	166	367	126	48	20	1,327	20	(
93. Pneumonia	3,277	1,993	168	131	53	21	10	383	32	2
94. Pleurisy	208	124	22	30	6	2	2	62	7	
95. Congestion of lungs, pulmonary apoplexy	44	24	7	..	..	..	..	7	1	..
96. Gangrene of lung	24	20	..	..	..	..	..	..	..	..
97. Asthma	80	37	..	..	..	..	..	..	..	..
98. Pulmonary emphysema	79	46	..	..	..	..	..	..	..	..
99. Other diseases of respiratory system (phthisis excepted)	33	21	..	2	..	..	..	2	1	

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
1	1	..	3	..	1	1	..	1	..	1	..	..	..	..	..
6	3	7	4	2	1	2	2	..	1	..	1	..	..	2	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	11	1
2	1	1	3	1	1	..	..	..	..	..	..	..	..	..	1
1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
4	7	8	6	4	4	6	4	..	..	..	..	..	..	3	..
..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..
7	6	4	3	4	3	5	3	..	3	1	..	..	..	1	..
..	..	..	1	1	2	..	..	1	1	1	1	..	2	..	..
3	6	3	5	1	4	6	4	4	4	3	3	1	..	2	..
48	67	82	134	148	154	184	180	233	187	161	106	54	20	56	5
..	1	..	..	4	1	8	7	4	5	6	8	2	1	1	..
..	3	3	11	7	10	7	7	5	14	12	11	8	4	11	..
..	1	..	1	2	2	4	4	4	6	3	2	..	..	1	..
..	..	..	..	..	..	3	..	1	1	..	..	..	..	..	..
..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..
2	1	1	3	..	1	..	..	..	..	..	..	1	..	2	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	1	..	..	1	1	..	..	..	..	..	..	1	..
..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..
1	..	1	2	1	..	..	..	..	5	5	3	10	5	1	..
1	..	2	3	2	3	..	7	9	8	3	10	5	4	..	..
14	12	18	20	28	18	46	30	55	40	41	33	27	15	75	2
73	125	151	190	170	154	162	146	122	97	54	45	19	13	92	3
2	6	7	11	8	3	4	2	3	1	..	2	1	1	2	..
..	..	1	1	..	1	..	1	2	1	2	4	1	2	1	..
1	..	2	..	3	4	2	3	3	2	..	..	..	..	..	..
..	..	1	2	1	3	3	12	4	2	6	1	1	1	..	..
..	..	..	2	1	2	8	3	5	7	2	9	3	4	..	1
1	2	1	3	4	1	1	3	1	..	..	..	..	..	..	..

Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
V.—Diseases of Digestive System.											
100. Diseases of mouth and adnexa	7	2	2	..	..	..	..	4	..	..	..
101. Diseases of pharynx	38	22	4	3	1	..	1	9	..	2	1
102. Diseases of esophagus	4	3	2	..	..	..	..	2	..	..	..
103. Ulcer of the stomach	92	57	1	..	..	..	..	1	..	..	1
104. Other diseases of stomach (cancer excepted)	82	37	3	..	1	..	..	4	..	..	..
105. Diarrhea and enteritis (under 2 years)	3,151	1,663	1,406	257	..	..	..	1,663	..	..	..
(of which) chronic diarrhea	..	..	..	..	..	..	..	..	..	..	..
106. Diarrhea and enteritis (2 years and over)	379	175	..	..	34	6	8	48	7	3	5
107. Intestinal parasites	2	1	..	..	..	..	..	..	..	..	..
108. Hernia, intestinal obstruction	293	125	22	..	1	1	1	25	3	..	1
109 Other diseases of intestines	10	5	..	..	..	..	..	..	..	..	..
110. Acute yellow atrophy of liver	4	1	..	..	..	..	..	..	..	..	..
111. Hydatid tumor of liver	2	1	..	..	..	..	..	..	..	..	..
112. Cirrhosis of liver	519	316	..	..	..	..	..	..	..	..	1
113. Biliary calculi	83	32	..	..	..	..	..	..	..	..	..
114. Other diseases of liver	66	40	2	..	..	..	..	2	2	..	2
115. Diseases of spleen	5	5	1	..	..	..	..	1	..	..	..
116. Simple peritonitis (non-puerperal)	55	23	4	..	1	..	1	6	..	2	1
117. Other diseases of digestive system (except tuberculosis and cancer)	11	8	..	..	..	..	..	..	1	..	..
118. Appendicitis and iliac abscess	276	162	2	..	..	1	2	5	11	11	20
VI.—Diseases of Genito-urinary System.											
119. Acute nephritis	270	141	15	3	6	8	4	36	8	..	
120. Bright's disease	2,603	1,438	1	3	..	1	2	7	5	2	
121. Other diseases of kidneys and adnexa	54	37	3	..	..	..	..	3	..	..	
122. Urinary calculus	9	8	1	..	..	..	..	1	..	..	
123. Diseases of bladder	23	19	2	..	..	..	..	2	..	..	..
124. Diseases of urethra, urinary abscess, etc.	14	14	..	..	..	..	..	..	..	1	..
125. Diseases of the prostate	38	38	1	..	..	..	..	1	..	..	..
126. Non-venereal diseases of male genital organs	2	2	1	..	..	..	..	1	..	..	..
127. Metritis	2	..	..	..	..	..	..	..	..	..	..
128. Uterine hemorrhage (not puerperal)	2	..	..	..	..	..	..	..	..	..	..
129. Uterine tumor (not cancer)	54	..	..	..	..	..	..	..	..	..	..
130. Other diseases of uterus	20	..	..	..	..	..	..	..	..	..	..

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	1	2	2	2	1	..	..	..	..	1	..	..	..
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4	3	8	3	7	10	6	5	5	2	1	..	..	1	..
..	..	2	1	3	3	..	7	4	5	1	4	2	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	58	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	9	12	13	9	12	11	7	6	6	8	5	4	2	1
..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
9	8	8	3	14	8	11	12	11	6	2	1	..	4	1
..	1	2	..	..	..	1	1	..	..	..	..	..	..	..
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..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
13	23	30	41	49	50	42	32	19	9	2	3	..	1	1
..	2	3	2	2	3	5	5	4	2	3	..	1	..	..
..	7	1	5	5	4	1	2	1	2	1	..	..	1	..
..	..	..	1	..	1	..	2	..	..	..	..	..	..	..
1	1	1	..	4	2	1	1	2	..	..	..	..	..	..
2	..	3	..	..	1	1	..	..	..	..	..	..	..	..
11	17	14	15	14	9	8	5	3	..	2	..	..	1	..
13	8	12	11	11	8	5	10	6	2	2	2	..	6	2
52	78	95	144	145	170	160	170	128	133	68	43	9	34	6
1	1	5	6	4	4	1	2	3	2	3	1	..	1	..
1	..	1	1	..	..	1	1	2	..	..	..	..	..	..
..	..	..	..	1	..	1	4	1	1	2	7	..	..	..
1	1	1	2	1	4	2	1	..	..	..	..	..	..	..
..	2	..	1	1	4	5	3	10	4	5	1	1	2	..
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Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
131. Ovarian cysts and tumors	34	..	..	..	..	..	..	..	..	..	..
132. Other diseases of female genital organs	68	..	..	..	..	..	..	..	..	..	..
133. Diseases of breast (not puerperal, nor cancer)	2	..	..	..	..	..	..	..	..	..	..
VII.—Puerperal Diseases.											
134. Accidents of pregnancy	84	..	..	..	..	..	..	..	..	..	..
135. Puerperal hemorrhage	25	..	..	..	..	..	..	..	..	..	..
136. Other accidents of labor	58	..	..	..	..	..	..	..	..	..	..
137. Puerperal septicemia	144	..	..	..	..	..	..	..	..	..	..
138. Puerperal albuminuria and convulsions	85	..	..	..	..	..	..	..	..	..	..
139. Puerperal phlegmasia alba dolens	1	..	..	..	..	..	..	..	..	..	..
140. Other accidents of parturition, sudden death	1	..	..	..	..	..	..	..	..	..	..
141. Puerperal diseases of breast	..	..	..	..	..	..	..	..	..	..	..
VIII.—Diseases of Skin and Cellular Tissue.											
142. Gangrene	37	17	..	..	..	..	..	..	..	..	..
143. Carbuncle	8	5	1	..	..	..	..	1	..	..	1
144. Plegmon, acute abcess	66	40	4	2	..	..	..	6	1	..	1
145. Other diseases of skin and adnexa	21	12	9	1	..	..	..	10	..	1	..
IX.—Diseases of Locomotory System.											
146. Diseases of bones (non-tuberculous)	38	29	3	8	2	1	..	14	1	3	..
147. Arthritis, other diseases of joints (except tuberculosis and rheumatism)	5	2	1	..	..	..	..	1	..	..	..
148. Amputation	..	..	..	..	..	..	..	..	..	..	..
149. Other diseases of organs of locomotion	1	1	..	..	..	..	..	..	..	1	..
X.—Malformations.											
150. Congenital malformations	308	170	155	5	2	1	..	163	3	1	2
XI.—Diseases of Infancy.											
151. Congenital debility, icterus and sclerema (of which)	2,496	1,390	1,388	2	..	..	..	1,390	..	..	..
151a. Injury during birth	199	118	118	..	..	..	..	118	..	..	..
152. Other diseases peculiar to infancy	34	16	16	..	..	..	..	16	..	..	..
153. Neglect	1	1	1	..	..	..	..	1	..	..	..

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
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..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	1	2	..	4	..	5	1	..	2	1	..	1	..	..
..	..	..	1	..	..	..	..	1	1	..	..	..	..	..	..
2	2	2	4	1	3	6	2	4	3	1	1	1	..	..	..
..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	2	1	1	2	1	1	..	1	2	..	..	..	..	..
..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..
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..	..	..	..	..	..	..	..	..	..	..	..	..	..	60	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	..
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Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
XII.—Diseases of Old Age.											
154. Senile debility.....	226	77	..	..	..	..	..	..	..	..	..
XIII.—External Causes.											
155. Suicide by poison.....	62	39	..	..	..	..	..	..	..	..	1
156. Suicide by asphyxia..	110	78	..	..	..	..	..	..	..	..	4
157. Suicide by hanging or strangulation...	49	44	..	..	..	..	..	..	..	..	2
158. Suicide by drowning..	..	..	..	..	..	..	..	..	..	..	..
159. Suicide by firearms...	119	110	..	..	..	..	..	..	..	..	4
160. Suicide by cutting instruments.....	18	16	..	..	..	..	..	..	..	..	..
161. Suicide by precipitation from height...	30	21	..	..	..	..	..	..	..	..	..
162. Suicide by crushing...	3	2	..	..	..	..	..	..	..	..	..
163. Suicide by other methods.....	1	1	..	..	..	..	..	..	..	..	..
164. Fractures.....	115	98	2	..	1	..	1	4	1	1	1
165. Dislocations.....	1	1	..	..	..	..	..	..	..	..	..
166. Other accidental injuries	1,180	954	6	7	16	13	24	66	87	46	44
167. Burn, by fire scald.....	214	82	5	11	16	12	7	51	9	..	1
168. Burning by corrosive substances	..	..	..	..	..	..	..	..	..	..	..
169. Sunstroke.....	33	21	4	3	..	..	..	7	1	..	..
170. Freezing	2	2	..	..	..	..	..	..	..	..	..
171. Electrical shock.....	6	6	..	..	..	..	..	..	..	..	..
172. Accidental drowning..	213	200	1	..	..	..	..	1	15	4	14
173. Inanition (starvation)	3	2	..	..	..	..	..	..	..	..	..
174. Inhalation of noxious gas, not suicidal.....	248	170	1	2	1	..	..	4	1	..	9
175. Other acute poisoning	59	36	3	2	2	..	..	7	5	..	1
176. Other external violence	255	173	30	1	1	..	..	32	2	1	11
(Of which)											
a. Homicide, by blows	27	23	3	..	..	..	..	3	..	..	2
b. Homicide, by sharp instruments.....	24	18	..	..	..	..	..	..	..	..	1
c. Homicide, by gunshot.....	103	87	..	..	..	..	..	..	..	3	5
d. Homicide, by poison	..	..	..	..	..	..	..	..	..	..	..
e. Homicide, by other methods.	17	10	2	..	..	..	..	2	1	..	..
XIV.—Ill-defined or Not Specified Causes.											
177. Dropsy.....	..	..	..	..	..	..	..	..	..	..	..
178. Sudden death, not puerperal.....	..	..	..	..	..	..	..	..	..	..	..
179. Ill-defined causes.....	499	262	242	19	1	..	..	262	..	..	..

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
..	..	..	..	..	..	1	1	3	11	14	13	23	11	..	..
3	3	5	6	5	4	5	2	4	..	..	1	..	..	..	..
9	5	9	8	6	11	9	6	5	4	..	1	..	1	..	..
5	6	8	5	4	1	1	3	5	1	2	..	1	..	..	..
..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..
13	10	10	18	14	9	13	7	5	5	1	..	1	..	2	..
..	..	4	..	1	2	2	3	1	2	1	..	..	..	..	..
1	4	5	2	3	1	4	1	..	..	..	..	..	..	..	..
1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
6	10	7	11	4	16	12	6	7	5	5	1	1	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
70	92	83	97	101	78	61	46	31	19	11	14	5	3	20	1
1	1	8	1	2	1	..	1	2	..	..	..	3	1	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	2	1	1	..	..	..	1	1	2	3	1	..	..	..	..
..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..
1	2	..	3	..	..	..	..	..	..	..	..	..	..	..	..
19	14	25	26	25	25	18	5	5	4	..	..	..	..	4	..
..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..
13	14	13	31	14	17	14	15	11	6	5	1	1	1	1	..
2	2	2	6	5	..	..	2	2	..	2	..	..	..	1	..
24	27	23	16	8	11	5	7	5	1	..	..	..	..	9	1
3	5	..	1	3	2	2	2	..	..	..	..	..	..	1	..
2	3	5	4	..	1	1	1	..	..	..	..	..	..	..	1
20	17	20	8	3	3	2	4	1	1	..	..	..	..	4	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	1	..	1	1	3	..	..	1	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..

Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
I.—General diseases...	11,337	6,483	448	339	201	138	87	1,213	185	57	180
a. Tuberculous diseases	5,254	3,375	100	70	46	22	25	273	56	16	126
b. Cancer	1,792	755	4	2	4	1	1	12	4	2	4
II.—Diseases of nervous system and organs of sense	2,976	1,650	286	93	53	28	22	482	49	30	44
III.—Diseases of circulatory system..	4,187	2,154	39	6	4	1	2	52	27	32	35
IV.—Diseases of respiratory system	7,686	4,293	1,091	563	194	71	32	1,951	65	31	47
V.—Diseases of digestive system....	5,079	2,678	1,449	260	38	8	13	1,768	24	18	32
VI.—Diseases of genito-urinary system	3,195	1,697	24	6	6	9	6	51	13	3	5
VII.—Puerperal diseases.	398	..	..	..	..	..	..	..	..	..	..
VIII.—Diseases of skin and cellular tissue	132	74	14	3	..	..	..	17	1	1	2
IX.—Diseases of locomotory system.	44	32	4	8	2	1	1	15	1	4	..
X.—Malformations.....	308	170	155	5	2	1	..	163	3	1	2
XI.—Diseases of infancy	2,531	1,407	1,405	2	..	..	..	1,407	..	..	..
XII.—Diseases of old age	226	77	..	..	..	..	..	..	..	..	..
XIII.—External causes....	2,721	2,056	52	26	37	25	32	172	121	52	92
a. Suicide.....	392	311	..	..	..	..	..	..	..	..	11
b. Homicide.....	171	138	5	..	..	..	..	5	1	3	8
c. Accident	2,158	1,607	47	26	37	25	32	167	120	49	73
XIV.—Causes ill defined..	499	262	242	19	1	..	..	262	..	..	..
Total males.....	....	23,033	5,209	1,330	538	282	194	7,553	489	229	439
Total females...	....	18,286	4,393	1,152	465	250	176	6,436	393	235	419
Total both sexes.	....	41,319	9,602	2,482	1,003	532	370	13,989	882	464	858

BOROUGH OF

Deaths of Females by Age, and Cause of Death,

Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
I.—General Diseases.										
1. Typhoid fever	112	..	..	..	..	1	1	8	10	14
2. Typhus fever.....	..	..	..	..	..	..	..	..	..	
3. Relapsing fever.....	..	..	..	..	..	..	..	..	..	
4. Malarial fever.....	8	..	..	..	..	..	..	..	..	
5. Small-pox.....	..	..	..	..	..	..	..	..	..	..
6. Measles	150	48	61	23	11	2	145	3	1	..

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
346	518	612	651	582	548	497	363	289	229	119	68	21	5	206	39
261	395	431	450	386	348	269	162	101	61	25	11	3	1	159	33
10	12	20	32	65	78	112	99	124	92	52	26	10	1	11	2
44	49	70	84	77	79	114	126	124	101	85	55	19	18	44	5
53	79	89	155	163	175	212	202	252	218	186	131	66	27	74	5
93	145	184	235	218	189	228	208	204	163	113	107	67	45	172	6
39	43	72	85	88	109	105	88	79	55	32	20	14	7	68	3
32	68	90	114	165	163	190	175	191	150	142	80	55	10	43	8
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	3	3	7	1	7	6	7	6	4	3	2	1	1	..	..
..	..	2	1	1	2	1	1	..	2	2	..	..	..	..	..
..	..	..	1	..	..	..	..	..	..	..	..	..	..	4	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	62	..
..	..	..	..	..	..	1	1	3	11	14	13	23	11	..	..
169	192	204	232	193	176	145	106	86	49	30	19	12	6	37	2
32	28	42	39	33	28	34	22	21	12	4	2	2	1	2	..
25	26	25	14	7	9	5	7	2	1	..	..	..	..	5	..
112	138	137	179	153	139	106	77	63	36	26	17	10	5	30	1
..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	1
778	1,097	1,326	1,565	1,488	1,448	1,499	1,277	1,234	982	726	495	278	130	722	68
675	815	865	976	868	838	936	902	1,019	878	767	596	391	277	653	3
1,453	1,912	2,191	2,541	2,356	2,286	2,435	2,179	2,253	1,860	1,493	1,091	669	407	1,375	71

MANHATTAN.

for the Year Ending December 31, 1907.

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
12	18	7	12	10	7	7	3	1	1	1	..	..	..	2	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	2	..	..	2	..	..	..	..	1	..	1	..	..	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	1	..	..	..	..	..	..	..	..	..	..	..	..	3	..

Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
7. Scarlet fever	169	5	26	32	17	18	98	44	14	5
8. Whooping cough	80	47	13	9	4	3	76	4	..	..
9. Diphtheria and croup	401	56	118	76	53	29	332	49	6	3
10. Influenza	191	9	2	1	1	..	13	2	2	2
11. Miliary fever	..	..	..	..	..	..	..	..	..	..
12. Asiatic cholera	..	..	..	..	..	..	..	..	..	..
13. Cholera nostras	..	..	..	..	..	..	..	..	..	..
14. Dysentery	20	3	1	..	1	..	5	..	..	1
15. Plague	..	..	..	..	..	..	..	..	..	..
16. Yellow fever	..	..	..	..	..	..	..	..	..	..
17. Leprosy	..	..	..	..	..	..	..	..	..	..
18. Erysipelas	74	44	2	..	..	..	46	..	..	2
19. Other epidemic diseases	7	2	..	1	..	..	3	..	..	..
20. Pyemia, septicemia	26	14	1	..	1	..	16	1	1	..
21. Glanders	2	..	..	..	..	..	..	1	..	..
22. Malignant pustule	..	..	..	..	..	..	..	..	..	..
23. Hydrophobia	4	..	..	..	1	..	1	..	..	..
24. Actinomycosis	..	..	..	..	..	..	..	..	..	..
24a. Trichinosis	..	..	..	..	..	..	..	..	..	..
25. Pellagra	..	..	..	..	..	..	..	..	..	..
26. Tuberculosis of larynx	11	1	..	..	..	..	1	..	..	..
27. Tuberculosis of lungs	1,572	20	23	12	3	6	64	15	34	134
28. Tubercular meningitis	208	49	40	27	20	9	145	26	10	12
29. Abdominal tuberculosis	43	5	2	..	1	2	10	2	1	4
30. Potts' disease	17	..	..	..	..	1	1	4	2	3
31. Cold abscess	4	..	..	..	..	..	..	..	..	..
32. White swelling	6	1	..	..	..	..	1	1	..	2
33. Tuberculosis of other organs	10	..	..	..	1	..	1	..	..	1
34. General tuberculosis	8	..	1	..	..	1	2	..	1	..
35. Scrofula	..	..	..	..	..	..	..	..	..	..
36. Syphilis	131	86	2	1	..	..	89	4	..	1
37. Gonorrhea (adults)	9	..	..	..	..	..	..	..	..	2
38. Gonorrhea (children)	7	7	..	..	..	..	7	..	..	..
39. Cancers, etc., of the mouth	13	..	..	..	..	..	..	..	..	..
40. Cancer of stomach, liver	325	..	..	..	..	..	..	..	..	..
41. Cancer of intestines, rectum	146	..	..	..	..	..	..	..	1	2
42. Cancer of female genital organs	263	..	..	..	..	..	..	..	1	..

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
2	3	..	..	..	..	..	..	..	..	..	..	..	2	..
..	..	..	..	..	..	..	..	..	..	..	..	..	4	..
2	2	2	4	..	..	1	..	..	..	..	..	..	6	..
3	4	10	4	13	15	15	25	17	23	14	14	11	5	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
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..	1	..	1	..	2	2	1	2	..	2	..	3	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	2	2	1	2	3	1	3	1	5	3	..	..	2	..
1	..	..	..	..	..	1	..	1	1	..	..	..	..	..
1	1	1	1	1	1	..	1	..	..	..	..	..	1	..
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
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..	..	1	1	..	1	..	..	..	..	..	..	..	..	..
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..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4	1	1	1	1	..	..	..	..	..	..	..	..	1	..
249	216	220	135	86	69	41	37	26	14	9	4	2	114	..
1	1	4	1	..	..	1	..	..	..	..	..	..	5	..
4	6	1	2	2	2	3	3	..	..	..	..	..	1	..
4	..	..	1	..	..	..	..	1	1	..	..	..	2	..
1	2	..	..	..	..	..	..	..	..	..	..	..	1	..
..	..	..	..	..	2	..	..	..	..	..	..	..	..	..
..	1	1	1	..	..	1	..	..	1	..	..	..	..	..
..	..	1	1	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7	4	8	5	1	2	2	2	1	1	..	..	..	17	..
5	..	..	..	..	..	..	..	..	..	..	..	..	2	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	1	1	..	2	2	..	3	2	..	1	..	1	..	..
6	6	15	21	31	61	48	51	41	18	15	11	..	5	..
4	3	13	20	22	14	12	18	15	12	4	2	1	3	..
12	15	27	35	39	38	43	24	11	11	4	2	1	6	..

Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
43. Cancer of the breast	158	..	..	..	..	..	..	..	..	..
44. Cancer of the skin	20	..	..	..	..	..	..	..	1	..
45. Cancer of other organs and unspecified	102	2	1	..	..	..	3	2	..	4
46. Other tumors (except of female genital organs)	11	1	..	..	..	..	1	1	..	..
47. Acute articular rheumatism	100	2	1	2	2	2	9	11	10	9
48. Chronic rheumatism and gout	40	..	..	..	..	..	..	..	..	1
49. Scurvy	3	..	1	..	1	..	2	..	1	..
50. Diabetes	207	..	..	..	..	..	..	..	2	1
51. Exophthalmic Goitre	23	2	..	..	..	..	2	..	..	..
52. Addison's disease	4	..	..	..	..	..	..	..	..	..
53. Leukemia	23	2	1	..	..	..	3	..	..	1
54. Anemia, chlorosis	33	1	1	..	..	..	2	..	1	2
55. Other general diseases	1	..	..	..	..	..	..	..	..	..
56. Alcoholism, acute and chronic	109	..	..	..	..	..	..	..	..	1
57. Lead poisoning	..	..	..	..	..	..	..	..	..	..
58. Other chronic poisonings of occupation	..	..	..	..	..	..	..	..	..	..
59. Other chronic poisonings	3	..	..	..	..	..	..	..	..	..
II. Diseases of Nervous System and Organs of Sense.										
60. Encephalitis	4	..	..	..	..	..	..	1	1	..
61. Simple meningitis	286	74	59	14	16	12	175	26	15	14
61a. (of which) Cerebro-spinal meningitis	164	38	31	10	9	7	96	21	11	11
62. Locomotor ataxia	10	..	..	..	..	..	..	..	..	..
63. Other diseases of spinal cord	46	5	3	1	..	..	9	2	4	1
64. Apoplexy, congestion of brain	588	8	1	1	..	..	10	1	..	..
65. Softening of brain	11	..	..	..	..	..	..	..	..	..
66. Paralysis, unspecified	43	..	1	..	1	..	2	..	1	..
67. General paresis	41	..	..	..	..	..	..	..	..	..
68. Other forms of insanity	13	..	..	..	..	..	..	..	..	1
69. Epilepsy	30	..	..	..	..	..	..	1	1	5
70. Convulsions (not puerperal)	1	..	..	..	..	..	..	1	..	..
71. Convusions of infants	130	114	11	4	..	1	130	..	..	..
72. Tetanus, trismus	8	6	..	..	..	..	6	..	1	..
73. Chorea	9	..	..	..	..	..	..	2	1	2
74. Other nervous diseases	51	2	4	..	..	2	8	2	4	3
75. Diseases of the eye	..	..	..	..	..	..	..	..	..	..
76. Diseases of the ears	55	8	4	4	1	2	19	3	4	3

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
2	8	15	24	22	25	17	20	5	10	6	4	..	3	..
..	1	..	1	2	4	1	2	3	2	2	..	1	..	..
2	4	9	9	17	12	7	12	4	6	5	2	1	1	..
..	..	1	2	3	2	..	..	..	..	1	..	..	..	..
3	7	8	6	4	8	4	3	3	4	1	..	1	3	..
..	1	..	3	6	4	5	3	5	7	3	1	1	1	..
..	1	..	..	..	..	..	..	..	..	..	..	..	1	..
3	7	10	7	15	28	32	35	29	23	11	3	1	5	..
2	5	2	1	4	4	1	..	..	..	..	..	..	..	..
..	..	1	1	..	1	..	..	..	1	..	..	..	..	..
2	..	4	3	1	3	..	1	1	..	..	..	..	..	..
1	1	1	3	4	3	4	5	3	1	2	..	..	1	..
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
18	15	29	12	8	6	3	7	2	2	..	1	..	2	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
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..	..	1	..	1	..	..	..	..	..	..	..	..	..	..
1	..	..	..	..	..	..	1	..	..	..	..	..	..	..
4	11	7	5	4	3	3	5	2	1	..	1	..	6	1
2	5	3	2	1	..	..	2	1	..	..	..	..	3	..
..	1	..	1	..	2	2	1	1	2	..	..	..	..	..
2	..	2	3	1	3	4	3	4	2	2	2	1	..	..
4	9	17	23	30	63	84	87	64	78	62	27	28	15	..
..	..	..	..	1	2	1	1	4	..	..	2	..	..	..
..	..	..	3	..	4	4	4	3	9	4	8	1	1	..
3	5	5	6	7	1	2	1	4	3	3	1	..	2	..
1	2	1	2	..	1	2	..	2	..	..	..	..	..	..
2	3	3	1	2	2	1	4	1	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	4	..
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
..	1	..	1	..	..	1	..	..	..	..	..	..	..	..
3	3	4	1	5	5	4	3	.	1	..	..	1	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	2	4	2	4	4	..	3	..	1	..	..	..	2	..

Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
III.—Diseases of Circulatory System.										
77. Pericarditis	13	1	1	..	..	..	2	2	2	..
78. Acute endocarditis	58	1	..	..	..	2	3	6	5	2
79. Organic heart diseases	1,754	3	1	4	3	8	19	23	23	51
80. Angina pectoris	30	..	..	..	..	..	..	..	..	..
81. Diseases of arteries, aneurism, etc	71	..	..	..	..	..	..	..	..	..
82. Embolism, thrombosis.	57	1	..	..	..	..	1	1	..	2
83. Diseases of veins (hemorrhoids, varices, phlebitis, etc.)	13	..	..	..	..	..	..	..	..	..
84. Diseases of lymphatics (lymphangitis, etc.)	4	3	1	..	..	..	4	..	..	..
85. Hemorrhage	33	29	..	..	..	..	29	..	1	2
86. Other diseases of circulatory system	..	..	..	..	..	..	..	..	..	..
IV.—Diseases of Respiratory System.										
87. Diseases of nasal fossae	1	..	..	..	..	..	..	..	..	..
88. Diseases of the larynx	8	3	1	1	1	..	6	..	..	..
89. Diseases of thyroid gland	2	..	..	..	..	..	..	..	..	2
90. Acute bronchitis	186	92	26	4	1	..	123	2	..	..
91. Chronic bronchitis	62	1	..	1	..	..	2	..	1	1
92. Broncho-pneumonia	1,654	673	318	120	33	29	1,173	22	2	10
93. Pneumonia	1,284	132	108	43	20	9	312	24	17	20
94. Pleurisy	84	10	20	5	4	1	40	3	..	4
95. Congestion of lungs, pulmonary apoplexy	20	5	..	..	..	1	6	..	..	..
96. Gangrene of lung	4	..	..	..	..	..	..	..	..	..
97. Asthma	43	1	..	..	..	..	1	..	..	..
98. Pulmonary emphysema	33	..	..	..	1	..	1	..	..	..
99. Other diseases of respiratory system (phthisis excepted)	12	..	..	1	..	..	1	..		1
V.—Diseases of Digestive System.										
100. Diseases of mouth and adnexa	5	2	1	..	..	..	3	..		
101. Diseases of pharynx	16	5	2	..	1	..	8	1		
102. Diseases of esophagus	1	..	..	..	..	..	..	..		
103. Ulcer of stomach	35	1	..	..	1	..	2	1		
104. Other diseases of stomach (cancer excepted)	45	3	1	..	1	1	6	1		
105. Diarrhea and enteritis (under two years)	1,488	1,261	227	..	..	..	1,488	..		
(of which) chronic diarrhea	..	..	..	..	..	..	..	..	..	..
106. Diarrhea and enteritis (two years and over)	204	..	..	40	24	5	69	9	1	2
107. Intestinal parasites	1	..	..	..	..	..	..	1	..	..

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
..	..	..	1	3	..	..	3	..	..	..	..	..	..	..
6	4	1	2	3	5	4	3	1	6	2	..	..	3	..
68	99	105	127	115	140	156	179	212	150	119	74	43	55	..
1	1	..	2	2	2	3	5	5	5	2	1	..	1	..
1	1	2	1	3	5	6	5	9	13	10	10	4	4	..
..	1	5	7	1	7	4	8	5	8	2	1	4	..	..
1	2	2	1	..	2	1	..	2	2	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	..	..	..	..	..	..	..	..	..	..	..	..	4	..
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..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
..	1	1	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	..	1	1	..	..	1	6	8	12	6	9	16	1	..
1	..	3	..	1	5	3	7	4	5	10	10	7	2	..
13	17	24	17	22	32	41	58	53	46	49	36	28	75	..
41	71	65	70	82	68	89	106	102	78	45	36	26	50	1
2	6	3	3	5	4	3	4	3	1	..	1	..	2	..
..	1	..	..	1	..	..	..	..	2	4	3	3	1	..
..	..	..	..	1	1	..	..	..	..	..	..	..	..	..
1	1	3	2	1	2	6	9	6	5	2	3	1	..	..
..	..	..	1	..	2	3	7	4	5	5	4	1	..	..
1	..	2	1	..	1	..	1	1	1	..	..	1	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	2	..	2	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	1	..	..	..	..	..	..
5	3	5	4	4	5	..	..	2	..	1	..	..	1	..
2	1	3	3	5	2	2	2	4	2	2	5	4	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	55	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5	8	5	4	9	7	15	15	9	20	13	5	1	4	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
108. Hernia, intestinal obstruction..	168	19	3	1	..	..	23	1	..	2
109. Other diseases of intestines....	5	..	..	..	..	..	..	..	..	..
110. Acute yellow atrophy of liver..	3	..	..	..	..	..	..	..	..	1
111. Hydatid tumor of liver.....	1	..	..	..	..	..	..	..	..	..
112. Cirrhosis of liver.....	203	..	..	..	..	..	..	..	1	..
113. Biliary calculi.....	51	1	..	..	..	..	1	..	..	1
114. Other diseases of liver	26	1	1	..	..	..	2	..	..	..
115. Diseases of spleen.....	..	..	..	..	..	..	..	..	..	..
116. Simple peritonitis (non-puerperal).....	32	4	..	1	..	1	6	..	3	2
117. Other diseases of digestive system (except tuberculosis and cancer).....	3	..	..	..	..	..	..	..	..	..
118. Appendicitis and iliac abscess..	114	2	1	..	..	..	3	15	11	7
VI.—Diseases of Genito-urinary System.										
119. Acute nephritis.....	129	6	2	5	3	2	18	7	5	4
120. Bright's disease.....	1,165	2	1	1	..	2	6	5	4	10
121. Other diseases of kidneys and adnexa.	17	1	..	..	..	..	1	..	..	..
122. Urinary calculus.....	1	..	..	..	..	..	..	..	..	..
123. Diseases of bladder.....	4	..	..	..	..	..	..	..	..	..
124. Diseases of urethra, urinary abscess, etc	..	..	..	..	..	..	..	..	..	..
125. Diseases of the prostate	..	..	..	..	..	..	..	..	..	..
126. Non-venereal diseases of male genital organs.....	..	..	..	..	..	..	..	..	..	..
127. Metritis.....	2	..	..	..	..	..	..	..	..	..
128. Uterine hemorrhage (not puerperal)	2	..	..	..	..	..	..	..	..	..
129. Uterine tumor (not cancer)....	54	..	..	..	..	..	..	..	..	1
130. Other diseases of uterus.....	20	..	..	..	..	..	..	..	..	..
131. Ovarian cysts and tumors	34	..	..	..	..	..	..	..	..	..
132. Other diseases of female genital organs.	68	..	..	..	..	..	..	..	..	5
133. Diseases of breast (not puerperal, nor cancer).....	2	1	..	..	..	..	1	..	..	..
VII.—Puerperal Diseases.										
134. Accidents of pregnancy.....	84	..	..	..	..	..	..	..	..	5
135. Puerperal hemorrhage.....	25	..	..	..	..	..	..	..	..	2
136. Other accidents of labor.....	58	..	..	..	..	..	..	..	..	3
137. Puerperal septicemia.....	144	..	..	..	..	..	..	..	..	9
138. Puerperal albuminuria and convulsions.....	85	..	..	..	..	..	..	..	1	3
139. Puerperal phlegmasia alba dolens.....	1	..	..	..	..	..	..	..	..	..
140. Other accidents of parturition, sudden death.....	1	..	..	..	..	..	..	..	..	..
141. Puerperal diseases of breast....	..	..	..	..	..	..	..	..	..	..

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
6	11	3	18	20	20	17	15	6	9	5	4	2	8	..
..	2	..	..	1	..	1	..	..	..	..	..	..	..	..
..	1	..	..	..	1	..	..	..	..	..	..	..	..	..
..	..	..	..	..	1	..	..	..	..	..	..	..	..	..
6	19	30	22	29	21	13	17	19	9	6	4	..	1	1
..	3	3	6	8	6	9	8	3	1	..	..	..	..	..
2	1	3	2	3	1	2	5	1	3	1	..	..	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3	2	2	3	2	2	2	..	..	..	..	..	1	..	..
1	..	..	2	..	..	..	..	..	..	..	..	..	1	..
12	8	10	8	6	3	5	5	..	..	3	..	..	2	..
13	9	12	8	11	7	7	5	3	4	3	5	1	10	..
50	65	88	88	94	122	108	141	116	94	83	41	31	32	..
1	2	..	3	2	..	3	..	3	1	..	..	..	..	..
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
1	..	..	..	..	..	1	..	1	..	1	..	..	2	..
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..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
2	6	6	10	18	3	1	1	2	..	..	..	..	3	..
3	2	3	3	..	2	1	2	..	..	..	..	..	1	..
1	1	9	4	3	9	..	1	1	2	..	2	..	1	..
15	10	15	8	2	1	..	..	..	1	..	..	..	4	..
..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
17	28	16	2	1	..	..	..	..	..	..	..	..	2	..
11	3	3	..	..	..	..	..	..	..	..	..	..	1	..
16	12	15	6	1	..	..	..	..	..	..	..	..	3	..
35	26	22	6	..	..	..	..	..	..	..	..	..	3	..
21	22	12	6	..	..	..	..	..	..	..	..	..	3	..
..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
VIII.—Diseases of Skin and Cellular Tissue.										
142. Gangrene	20	..	1	2	1	..	4	..	..	..
143. Carbuncle	3	3	..	..	..	..	3	..	..	..
144. Phlegmon, acute abscess	26	9	1	..	..	..	10	..	1	..
145. Other diseases of skin and adnexa	9	3	..	..	..	..	3	..	..	..
IX.—Diseases of Locomotory System										
146. Diseases of bones (non-tuberculous)	9	5	..	..	..	..	5	1	..	2
147. Arthritis, other diseases of joints (except tuberculosis and rheumatism)	3	1	..	..	..	..	1	..	1	..
148. Amputation	..	..	..	..	..	..	..	..	..	..
149. Other diseases of organs of locomotion	..	..	..	..	..	..	..	..	..	..
X.—Malformations.										
150. Congenital malformations	138	128	1	2	1	3	135	1	1	..
XI.—Diseases of Infancy.										
151. Congenital debility, icterus and sclerema (of which)	1,106	1,101	4	1	..	..	1,106	..	..	..
151a. Injury during birth	81	81	..	..	..	..	81	..	..	..
152. Other diseases peculiar to infancy	18	17	1	..	..	..	18	..	..	..
153. Neglect	..	..	..	..	..	..	..	..	..	..
XII.—Diseases of Old Age.										
154. Senile debility	149	..	..	..	..	..	..	..	..	..
XIII.—External Causes.										
155. Suicide by poison	23	..	..	..	..	..	..	..	..	1
156. Suicide by asphyxia	32	..	..	..	..	..	..	..	..	1
157. Suicide by hanging or strangulation	5	..	..	..	..	..	..	..	..	1
158. Suicide by drowning	..	..	..	..	..	..	..	..	..	..
159. Suicide by firearms	9	..	..	..	..	..	..	..	..	1
160. Suicide by cutting instruments	2	..	..	..	..	..	..	..	..	..
161. Suicide by precipitation from height	9	..	..	..	..	..	..	..	..	..
162. Suicide by crushing	1	..	..	..	..	..	..	..	..	..
163. Suicide by other methods	..	..	..	..	..	..	..	..	..	..
164. Fractures	17	..	..	..	1	..	1	1	..	1
165. Dislocations	..	..	..	..	..	..	..	..	..	..
166. Other accidental injuries	226	4	7	6	10	8	35	27	11	4
167. Burn, by fire scald	132	5	15	12	8	11	51	17	5	6
168. Burning by corrosive substances	..	..	..	..	..	..	..	..	..	..
169. Sunstroke	12	2	..	..	..	..	2	..	..	1
170. Freezing	..	..	..	..	..	..	..	..	..	..

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
..	..	..	..	..	..	1	1	..	3	2	5	2	2	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	1	1	1	2	2	2	3	..	..	1	1	..	..	3	..
..	..	1	..	..	3	..	1	1	..	..	..	..	..	..	..
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..
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1	..	..	..	..	..	..	..		..	..	..	..	..	3	..
..	..	..	..	..	..	..	..		..	..	..	..	..	47	..
..	..	..	..	..	..	..	..		..	..	..	..	..	3	..
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..	..	..	..	..	..	..	1	4	11	20	39	37	37	..	..
3	4	7	2	1	2	1	1	..	1	..	..	..	..	..	..
3	5	2	3	3	2	4	3	3	2	..	1	..	..	..	..
1	2	..	..	..	..	1	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	2	1	1	2	..	..	..	..	..	..	..	..	..	..	..
..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..
1	4	..	1	..	..	..	2	1	..	..	..	..	..	1	..
..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	..	1	2	..	..	1	..	2	1	1	2	1	1	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
9	14	7	14	15	8	12	16	11	11	9	10	7	6	3	..
6	4	5	7	9	2	5	2	4	1	1	3	2	2	6	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	2	..	..	..	..	2	1	..	..	2	..	1	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
171. Electrical shock	..	..	..	..	..	..	..	..	..	..
172. Accidental drowning	13	..	..	1	..	1	2	..	..	2
173. Inanition (starvation)	1	..	..	..	..	..	..	..	..	..
174. Inhalation of noxious gas, not suicidal	78	1	3	..	..	1	5	1	1	6
175. Other acute poisoning	23	2	1	..	..	..	3	1	1	..
176. Other external violence	82	17	..	1	..	..	18	2	4	3
(of which) a. Homicide by blows	4	2	..	..	..	..	2	..	1	..
b. Homicide by sharp instruments	6	..	..	..	..	..	..	..	..	..
c. Homicide by gunshot	16	..	..	1	..	..	1	..	..	3
d. Homicide by poison	..	..	..	..	..	..	..	..	..	..
e. Homicide, by other methods	7	3	..	..	..	..	3	1	1	..
XIV.—Ill-defined or not Specified Causes.										
177. Dropsy	..	..	..	..	..	..	..	..	..	..
178. Sudden death, not puerperal	..	..	..	..	..	..	..	..	..	..
179. Ill-defined causes	237	207	23	5	1	..	236	1	..	..
I.—General diseases	4,854	407	297	184	117	74	1,079	178	99	208
a. Tuberculous diseases	1,879	76	66	39	25	19	225	48	48	156
b. Cancer	1,927	2	1	..	..	..	3	2	3	6
II.—Diseases of nervous system and organs of sense	1,326	217	83	24	18	17	359	39	32	29
III.—Diseases of circulatory system	2,033	38	3	4	3	10	58	32	31	57
IV.—Diseases of respiratory system	3,393	917	473	175	60	40	1,665	51	20	38
V.—Diseases of digestive system	2,401	1,299	236	42	27	7	1,611	29	18	16
VI.—Diseases of genito-urinary system	1,498	10	3	6	3	4	26	12	9	20
VII.—Puerperal diseases	398	..	..	..	..	..	..	..	1	22
VIII.—Diseases of skin and cellular tissue	58	15	2	2	1	..	20	..	1	..
IX.—Diseases of locomotory system	12	6	..	..	..	..	6	1	1	2
X.—Malformations	138	128	1	2	1	3	135	1	1	..
XI.—Diseases of infancy	1,124	1,118	5	1	..	..	1,124	..	..	..
XII.—Diseases of old age	149	..	..	..	..	..	..	..	..	..
XIII.—External causes	665	31	26	20	19	21	117	49	22	27
a. Suicide	81	..	..	..	..	..	..	..	..	4
b. Homicide	33	5	..	1	..	..	6	1	2	3
c. Accident	551	26	26	19	19	21	111	48	20	20
XIV.—Causes ill-defined	237	207	23	5	1	..	236	1	..	..
Total—Females	18,286	4,393	1,152	465	250	176	6,436	393	235	419

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	2	..	..	..	2	1	..	..	..	..	..	..	..	..
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
5	4	4	8	9	5	2	4	2	4	6	2	..	..	..
5	3	3	..	3	2	2	..	..	..	..	..	..	2	..
12	14	4	4	..	2	..	1	..	1	..	..	..	7	..
1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
1	1	1	..	..	1	..	..	..	..	..	..	..	..	..
1	3	..	1	..	1	..	..	..	..	..	..	..	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	2	..	..	..	..	..	..	..	..	..	..	..	1	..
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..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	12	..
362	325	403	319	294	317	250	257	175	144	84	44	24	200	..
263	227	228	142	89	71	48	40	27	16	9	4	2	124	..
26	38	80	110	135	156	128	130	81	59	37	21	5	18	..
22	37	44	48	54	90	108	113	85	97	71	41	31	31	1
78	108	115	141	127	161	174	203	234	184	135	86	51	67	..
60	98	102	95	113	115	146	198	181	155	121	102	83	132	1
44	61	64	74	87	69	66	67	45	44	31	18	8	74	1
86	95	135	126	130	144	121	150	126	102	87	48	32	53	..
101	92	68	20	2	..	..	..	..	..	..	..	..	12	..
1	2	1	2	5	3	5	1	3	3	6	2	2	3	..
..	1	..	..	..	..	1	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	3	..
..	..	..	..	..	..	..	..	..	..	..	..	..	47	..
..	..	..	..	..	..	1	4	11	20	39	37	37	..	..
61	46	44	43	26	37	30	26	18	18	22	13	9	19	..
17	10	9	7	4	6	6	4	3	..	1	..	..	1	..
3	6	1	1	..	2	..	..	..	..	..	..	..	3	..
41	30	34	35	22	29	24	22	15	18	21	13	9	15	..
..	..	..	..	..	..	..	..	..	..	..	..	..	12	..
815	865	976	868	838	936	902	1,019	878	767	596	391	277	653	3

Deaths of Males by Age, and Cause of Death,

Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
I.—General Diseases.											
1. Typhoid fever	48	31	..	..	2	1	..	3	2	2	2
2. Typhus fever	..	..	..	..	..	..	..	..	..	..	..
3. Relapsing fever	..	..	..	..	..	..	..	..	..	..	..
4. Malarial fever	5	..	..	..	..	..	..	..	..	..	..
5. Small-pox	..	..	..	..	..	..	..	..	..	..	..
6. Measles	103	48	14	13	7	3	1	38	4	..	1
7. Scarlet fever	77	35	..	5	6	7	6	24	7	3	..
8. Whooping cough	33	19	6	7	1	2	2	18	1	..	..
9. Diphtheria and croup	174	104	10	31	17	14	7	79	20	2	..
10. Influenza	40	24	2	1	1	..	..	4	1	..	..
11. Miliary fever	..	..	..	..	..	..	..	..	..	..	..
12. Asiatic cholera	..	..	..	..	..	..	..	..	..	..	..
13. Cholera nostras	..	..	..	..	..	..	..	..	..	..	..
14. Dysentery	9	7	1	5	..	..	..	6	..	..	..
15. Plague	..	..	..	..	..	..	..	..	..	..	..
16. Yellow fever	..	..	..	..	..	..	..	..	..	..	..
17. Leprosy	..	..	..	..	..	..	..	..	..	..	..
18. Erysipelas	18	7	3	..	..	..	..	3	..	..	..
19. Other epidemic diseases	2	2	1	..	..	1	..	2	..	..	..
20. Pyemia, septicemia	11	9	1	..	..	..	..	1	..	1	..
21. Glanders	1	1	..	..	..	..	..	..	..	..	..
22. Malignant pustule	1	1	..	..	..	..	..	..	..	..	..
23. Hydrophobia	1	1	..	..	..	..	1	1	..	..	..
24. Actinomycosis	..	..	..	..	..	..	..	..	..	..	..
24a. Trichinosis	..	..	..	..	..	..	..	..	..	..	..
25. Pellagra	..	..	..	..	..	..	..	..	..	..	..
26. Tuberculosis of larynx	7	6	..	..	..	..	..	..	..	..	..
27. Tuberculosis of lungs	1,460	935	..	1	1	1	..	3	5	7	55
28. Tubercular meningitis	56	31	2	7	4	1	1	15	6	2	1
29. Abdominal tuberculosis	8	4	1	1	..	..	..	2	..	..	..
30. Pott's disease	7	4	..	..	..	..	1	1	..	..	..
31. Cold abscess	..	..	..	..	..	..	..	..	..	..	..
32. White swelling	2	1	..	..	..	..	..	..	..	1	..
33. Tuberculosis of other organs	6	4	..	1	..	..	..	1	..	1	..

E BRONX.

the Year Ending December 31, 1907.

0	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
8	6	2	2	2	1	..	..	..	1	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
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..	3	1	1	..	..	..	..	..	..	..	..	..	..	..	..
1	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	2	..	..	..	..	..	..	..	1	..	..	..	..	1	..
..	..	1	1	1	2	..	1	2	..	3	6	2	..	..	..
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..	..	..	..	..	..	1	1	1	1	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	1	1	1	..	..	2	1	..	..	..	..	..	1	..	..
..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
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..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	2	1	1	..	1	..	..	..	..	1	..	..	..	..	..
84	118	150	139	134	110	66	26	23	13	2	..	..	..	23	2
2	3	..	1	..	1	..	..	..	..	..	..	..	..	1	..
..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
1	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	1	..	..	1	..	..	..	..	..	..	..	..	..	1	..

Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
34. General tuberculosis...	9	4	..	..	..	..	..	..	..	..	1
35. Scrofula	1	1	..	..	..	..	..	..	..	..	..
36. Syphilis.....	17	10	1	..	1	..	..	2	..	..	..
37. Gonorrhea (adults)....	1	1	..	..	..	..	..	..	..	..	..
38. Gonorrhea (children)..	..	..	..	..	..	..	..	..	..	..	..
39. Cancer, etc., of the mouth.....	11	7	..	..	..	..	..	..	..	..	..
40. Cancer of stomach, liver.....	101	51	..	..	..	..	..	..	..	..	..
41. Cancer of intestines, rectum.....	34	12	..	..	..	..	..	..	..	..	..
42. Cancer of female genital organs.....	44	..	..	..	..	..	..	..	..	..	..
43. Cancer of the breast...	23	..	..	..	..	..	..	..	..	..	..
44. Cancer of the skin.....	3	1	..	..	..	..	..	..	..	..	..
45. Cancer of other organs and unspecified.....	34	13	1	..	..	..	..	1	1	1	..
46. Other tumors (except of female genital organs).....	2	1	..	..	..	..	..	..	..	..	..
47. Acute articular rheumatism.....	37	16	..	..	..	2	1	3	..	1	4
48. Chronic rheumatism and gout.....	11	3	..	..	..	..	..	..	..	..	..
49. Scurvy.....	1	1	..	..	..	..	..	..	1	..	..
50. Diabetes.....	65	21	..	..	..	..	..	..	..	..	..
51. Exophthalmic goitre..	2	1	..	..	..	..	..	..	..	..	..
52. Addison's disease.....	..	..	..	..	..	..	..	..	..	..	..
53. Leukemia.....	9	7	..	..	..	..	1	1	..	1	..
54. Anemia, chlorosis.....	11	7	2	..	..	..	..	2	..	..	..
55. Other general diseases.	..	..	..	..	..	..	..	..	..	..	..
56. Alcoholism, acute and chronic.....	50	44	..	..	..	..	..	..	..	..	..
57. Lead poisoning	1	1	..	..	...	..	..	..	..	..	..
58. Other chronic poisonings of occupation	..	..	..	..	..	..	..	..	..	..	..
59. Other chronic poisonings.....	..	..	..	..	..	..	..	..	..	..	..
II.—Diseases of Nervous System and Organs of Sense.											
60. Encephalitis	..	..	..	..	..	..	..	..	..	..	..
61. Simple meningitis.....	82	49	15	6	7	3	3	34	4	..	3
61a. (of which) Cerebro-spinal meningitis.	38	23	4	2	4	..	2	12	3	..	3
62. Locomotor ataxia.....	7	7	..	..	..	..	..	..	..	..	..
63. Other diseases of spinal chord	26	15	1	2	3	..	1	7	..	1	..
64. Apoplexy, congestion of brain... ..	231	106	3	..	..	1	..	4	..	..	1
65. Softening of brain.....	3	1	..	..	..	..	..	..	..	..	..
66. Paralysis, unspecified..	13	6	..	..	..	..	..	..	..	..	1

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
1	..	..	..	..	..	..	..	..	1	..	..	..	2	..
..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
..	1	..	3	1	..	1	..	..	..	..	..	..	1	..
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..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	1	1	..	..	..	4	1	..	..	..	..
..	1	2	5	8	5	10	8	3	2	5	2	..	3	..
..	2	..	2	..	1	3	..	1	2	..	1	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	1	..	..	..	..	..	..	..	..	..
..	..	..	..	3	4	..	1	1	..	1	..	..	3	..
..	..	..	..	..	..	..	..	1	..	..	..	..	..	..
..	1	..	2	..	2	..	1	1	1	..	..	..	..	..
..	..	..	..	..	..	..	..	1	..	..	1	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	2	3	2	1	6	3	2	1	..	..	..	..
..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	2	..	1	1	..	..	..	..	..	..	..
..	1	..	..	3	..	1	..	..	..	..	..	..	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	9	4	10	9	5	1	2	1	1	..	..	..	..	..
..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
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1	..	2	2	1	..	1	..	..	..	..	..	..	1	..
1	..	2	1	..	..	..	..	..	..	..	..	..	1	..
..	..	1	1	2	1	1	..	1	..	..	..	..	..	..
..	1	..	1	1	..	..	2	..	..	1	..	..	..	..
..	2	4	5	8	15	10	12	14	12	8	7	4	3	..
..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
..	..	..	..	..	..	..	..	1	2	1	..	..	..	..

Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
67. General paresis	6	2	..	..	..	..	..	..	..	..	..
68. Other forms of insanity	1	..	..	..	..	..	..	..	..	..	..
69. Epilepsy	7	4	..	..	..	..	..	..	..	..	..
70. Convulsions (not puerperal)	1	..	..	..	..	..	..	..	..	..	..
71. Convulsions of infants	29	16	12	3	1	..	..	16	..	..	..
72. Tetanus, trismus	7	5	1	..	..	..	..	1	1	1	..
73. Chorea	2	2	..	..	..	..	..	..	..	..	..
74. Other nervous diseases	16	9	1	2	..	..	..	3	2	..	..
75. Diseases of the eyes	1	1	1	..	..	..	..	1	..	..	..
76. Diseases of the ears	5	2	..	..	..	..	..	..	..	..	..
III.—Diseases of Circulatory System.											
77. Pericarditis	3	2	..	..	..	..	..	..	1	..	..
78. Acute endocarditis	17	11	..	1	..	..	..	1	1	..	..
79. Organic heart diseases	604	299	..	..	..	1	1	2	5	9	7
80. Angina pectoris	8	5	..	..	..	..	..	..	..	..	..
81. Diseases of arteries, aneurism, etc	37	22	..	..	..	..	..	..	..	.	..
82. Embolism, thrombosis	18	11	..	..	..	..	..	..	1	..	..
83. Diseases of veins, (hemorrhoids, varices, phlebitis, etc.)	6	..	..	..	..	..	..	..	..	..	..
84. Diseases of lymphatics (lymphangitis, etc.)	..	..	..	..	..	..	..	..	..	..	..
85. Hemorrhage	5	1	..	..	..	1	..	1	..	..	..
86. Other diseases of circulatory system	..	..	..	..	..	..	..	..	..	..	..
IV.—Diseases of Respiratory System.											
87. Diseases of the nasal fossæ	..	..	..	..	..	..	..	..	..	..	..
88. Diseases of the larynx.	7	3	1	2	..	..	..	3	..	..	..
89. Diseases of thyroid gland	..	..	..	..	..	..	..	..	..	..	..
90. Acute bronchitis	54	29	15	3	..	1	..	19	..	..	..
91. Chronic bronchitis	23	11	..	..	..	..	..	..	..	..	..
92. Broncho-pneumonia	253	129	62	22	10	5	2	101	..	3	..
93. Pneumonia	397	240	13	23	6	1	1	44	4	5	6
94. Pleurisy	20	12	..	..	..	..	..	..	..	..	..
95. Congestion of lungs, pulmonary apoplexy	10	4	1	..	..	..	..	1	..	..	..
96. Gangrene of lung	..	..	..	..	..	..	..	..	..	..	..
97. Asthma	16	11	1	..	..	..	..	1	..	..	..
98. Pulmonary emphysema	2	1	..	..	..	..	..	..	..	..	..
99. Other diseases of respiratory system (phthisis excepted)	6	3	..	..	..	..	..	..	..	..	..

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
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8	15	12	21	28	35	22	33	34	34	14	9	2	7	..
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10	16	21	22	20	25	10	13	20	6	7	2	1	9	1
1	2	1	1	..	1	1	..	1	1	1	..	..	1	..
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Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
V.—Diseases of Digestive System.											
100. Diseases of mouth and adnexa.....	1	..	..	..	..	..	..	..	..	..	..
101. Diseases of pharynx..	4	2	..	1	..	..	..	1	..	..	..
102. Diseases of esophagus.....	2	1	..	..	..	..	..	..	..	..	..
103. Ulcer of stomach.....	14	10	..	..	..	..	..	..	..	..	..
104. Other diseases of stomach (cancer excepted).....	39	17	5	..	1	..	1	7	..	..	..
105. Diarrhea and enteritis (under two years).....	367	198	176	22	..	..	..	198	..	..	..
(of which) chronic diarrhea.....	..	..	..	..	..	..	..	..	..	..	..
106. Diarrhea and enteritis (two years and over).....	35	17	..	..	2	..	2	4	..	1	..
107. Intestinal parasites ..	..	..	..	..	..	..	..	..	..	..	..
108. Hernia, intestinal obstruction.....	47	25	8	..	..	..	..	8	3	1	1
109. Other diseases of intestines.....	4	1	1	..	..	..	..	1	..	..	..
110. Acute yellow atrophy of liver.....	1	1	..	..	..	..	..	..	..	..	..
111. Hydatid tumor of liver.....	..	..	..	..	..	..	..	..	..	..	..
112. Cirrhosis of liver.....	63	37	..	..	..	..	..	..	..	..	..
113. Biliary calculi	1	1	..	..	..	..	..	..	..	..	..
114. Other diseases of liver.....	9	5	..	..	..	..	..	..	..	..	1
115. Diseases of spleen....	1	..	..	..	..	..	..	..	..	..	..
116. Simple peritonitis (non-puerperal)....	11	7	..	1	..	..	..	1	..	1	1
117. Other diseases of digestive system (except tuberculosis and cancer).....	2	2	..	..	..	..	..	..	..	..	..
118. Appendicitis and iliac abscess.....	29	18	..	..	..	..	1	1	2	..	..
VI.—Diseases of Genito-urinary System.											
119. Acute nephritis.....	48	28	..	..	1	1	..	2	1	1	..
120. Bright's disease.....	328	188	..	1	..	..	..	1	3	..	6
121. Other diseases of kidneys and adnexa...	8	8	1	..	..	..	..	1	..	..	1
122. Urinary calculus.....	..	..	..	..	..	..	..	..	..	..	..
123. Diseases of bladder...	7	7	..	..	..	..	..	..	..	..	..
124. Diseases of urethra, urinary abscess, etc.....	1	1	..	..	..	..	..	..	..	..	..
125. Diseases of the prostate	7	7	..	..	..	..	..	..	..	..	..
126. Non-venereal diseases of male genital organs.....	..	..	..	..	..	..	..	..	..	..	..
127. Metritis.....	1	..	..	..	..	..	..	..	..	..	..
128. Uterine hemorrhage (not puerperal)....	..	..	..	..	..	..	..	..	..	..	..
129. Uterine tumor (not cancer).....	2	..	..	..	..	..	..	..	..	..	..
130. Other diseases of uterus.....	7	..	..	..	..	..	..	..	..	..	..

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
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Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
131. Ovarian cysts and tumors	1	..	..	..	..	..	..	..	..	..	..
132. Other diseases of female genital organs	10	..	..	..	..	..	..	..	..	..	..
133. Diseases of breast (not puerperal or cancer)	..	..	..	..	..	..	..	..	..	..	..
VII.—Puerperal Diseases.											
134. Accidents of pregnancy	11	..	..	..	..	..	..	..	..	..	..
135. Puerperal hemorrhage	4	..	..	..	..	..	..	..	..	..	..
136. Other accidents of labor	4	..	..	..	..	..	..	..	..	..	..
137. Puerperal septicemia	22	..	..	..	..	..	..	..	..	..	..
138. Puerperal albuminuria and convulsions	9	..	..	..	..	..	..	..	..	..	..
139. Puerperal phlegmasia alba dolens	..	..	..	..	..	..	..	..	..	..	..
140. Other accidents of parturition, sudden death	1	..	..	..	..	..	..	..	..	..	..
141. Puerperal diseases of breast	..	..	..	..	..	..	..	..	..	..	..
VIII.—Diseases of Skin and Cellular Tissue.											
142. Gangrene	9	4	..	..	..	..	..	..	..	..	..
143. Carbuncle	2	1	1	..	..	..	..	1	..	..	..
144. Phlegmon, acute abscess	3	1	..	..	..	..	..	..	..	..	..
145. Other diseases of skin and adnexa	3	2	2	..	..	..	..	2	..	..	..
IX.—Diseases of Locomotory System.											
146. Diseases of bones (non-tuberculous	7	6	3	3	..	..	..	6	..	..	..
147. Arthritis, other diseases of joints (except tuberculosis and rheumatism)	..	..	..	..	..	..	..	..	..	..	..
148. Amputation	..	..	..	..	..	..	..	..	..	..	..
149. Other diseases of organs of locomotion	..	..	..	..	..	..	..	..	..	..	..
X.—Malformations.											
150. Congenital malformations	50	28	28	..	..	..	..	28	..	..	..
XI.—Diseases of Infancy.											
151. Congenital debility, icterus and sclerema (of which)	268	147	147	..	..	..	..	147	..	..	..
151a. Injury during birth	6	3	3	..	..	..	..	3	..	..	..
152. Other diseases peculiar to infancy	4	3	3	..	..	..	..	3	..	..	..
153. Neglect	..	..	..	..	..	..	..	..	..	..	..
XII.—Diseases of Old Age.											
154. Senile debility	43	16	..	..	..	..	..	..	..	..	..

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
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Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
XIII.—External Causes.											
155. Suicide by poison.....	9	7	..	..	..	..	..	..	..	..	..
156. Suicide by asphyxia ..	14	7	..	..	..	..	..	..	..	..	..
157. Suicide by hanging or strangulation ..	8	6	..	..	..	..	..	..	..	..	..
158. Suicide by drowning..	3	2	..	..	..	..	..	..	..	..	..
159. Suicide by firearms ...	13	13	..	..	..	..	..	..	..	..	..
160. Suicide by cutting instruments	..	..	..	..	..	..	..	..	..	..	..
161. Suicide by precipitation from height..	3	..	..	..	..	..	..	..	..	..	..
162. Suicide by crushing...	..	..	..	..	..	..	..	..	..	..	..
163. Suicide by other methods.....	..	..	..	..	..	..	..	..	..	..	..
164. Fractures.....	7	4	..	..	..	..	..	..	..	..	..
165. Dislocations.....	..	..	..	..	..	..	..	..	..	..	..
166. Other accidental injuries.....	204	159	..	1	..	4	1	6	9	7	9
167. Burn, by fire, scald...	30	9	2	2	2	..	..	6	..	..	1
168. Burning by corrosive substances.....	..	..	..	..	..	..	..	..	..	..	..
169. Sunstroke.....	2	1	..	..	..	..	..	..	..	..	..
170. Freezing.....	..	..	..	..	..	..	..	..	..	..	..
171. Electrical shock.....	6	6	..	..	..	..	..	..	..	1	..
172. Accidental drowning..	36	33	..	..	1	..	1	2	3	4	1
173. Inanition (starvation)	..	..	..	..	..	..	..	..	..	..	..
174. Inhalation of noxious gas, not suicidal.....	12	8	..	1	..	..	..	1	..	..	..
175. Other acute poisoning	3	2	..	..	..	1	..	1	..	..	..
176. Other external violence	26	16	1	..	..	..	..	1	..	..	1
(Of which)											
a. Homicide, by blows.	3	2	..	..	..	..	..	..	..	..	..
b. Homicide, by sharp instruments	3	3	..	..	..	..	..	..	..	..	..
c. Homicide, by gunshot	10	9	..	..	..	..	..	..	..	..	1
d. Homicide, by poisoning	..	..	..	..	..	..	..	..	..	..	..
e. Homicide, by other methods	1	..	..	..	..	..	..	..	..	..	..
XIV.—Ill-defined or Not Specified Causes.											
177. Dropsy.....	..	..	..	..	..	..	..	..	..	..	..
178. Sudden death, not puerperal.....	..	..	..	..	..	..	..	..	..	..	..
179. Ill-defined causes.....	54	24	19	2	2	1	..	24	..	..	..

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
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Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
I.—General Diseases..	2,536	1,476	45	72	40	32	21	210	48	22	65
a. Tuberculous diseases	1,555	989	3	10	5	2	2	22	11	11	38
b. Cancer	250	84	1	..	..	..	..	1	1	1	..
II.—Diseases of nervous system and organs of sense	437	225	34	13	11	4	4	66	7	2	5
III.—Diseases of circulatory system..	698	351	..	1	..	2	1	4	8	9	7
IV.—Diseases of respiratory system...	788	443	93	50	16	7	3	169	4	8	6
V.—Diseases of digestive system....	630	342	190	24	3	..	4	221	5	3	4
VI.—Diseases of genito-urinary system.....	420	239	1	1	1	1	..	4	4	1	7
VII.—Puerperal diseases.	51	..	..	..	..	..	..	..	..	..	..
VIII.—Diseases of skin and cellular tissue.....	17	8	3	..	..	..	..	3	..	..	..
IX.—Diseases of locomotory system.	7	6	3	3	..	..	..	6	..	..	..
X.—Malformations.....	50	28	28	..	..	..	..	28	..	..	..
XI.—Diseases of infancy	272	150	150	..	..	..	..	150	..	..	..
XII.—Diseases of old age	43	16	..	..	..	..	..	..	..	..	..
XIII.—External causes....	376	273	3	4	3	5	2	17	12	12	11
a. Suicide	50	35	..	..	..	..	..	..	..	..	..
b. Homicide.....	17	14	..	..	..	..	..	..	..	..	1
c. Accident.....	309	224	3	4	3	5	2	17	12	12	11
XIV.—Causes ill-defined..	54	24	19	2	2	1	..	24	..	..	..
Total males.....	..	3,581	569	170	76	52	35	902	88	57	106
Total females...	..	2,798	475	141	54	52	32	754	80	61	91
Total both sexes	..	6,379	1,044	311	130	104	67	1,656	168	118	197

BOROUGH OF

Deaths of Females by Age, and Cause of Death.

Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
I.—General Diseases.										
1. Typhoid fever.....	17	..	..	..	1	..	1	1	..	..
2. Typhus fever.....	..	..	..	..	..	..	..	..	..	..
3. Relapsing fever.....	..	..	..	..	..	..	..	..	..	..
4. Malarial fever.....	5	1	2	..	..	..	3	1	..	..
5. Small-pox	..	..	..	..	..	..	..	..	..	..

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
102	140	171	154	165	147	91	47	47	26	20	14	6	1	40	2
87	126	151	141	137	112	67	26	23	13	4	..	..	..	27	2
..	..	3	2	7	12	12	13	9	5	8	7	3	..	6	..
4	4	3	9	11	14	18	13	16	16	15	11	7	4	8	..
10	8	15	16	24	41	38	26	35	36	39	20	10	5	10	..
12	11	20	25	29	28	32	13	21	28	12	14	5	6	17	1
5	6	4	9	16	10	11	11	8	14	5	3	6	1	5	..
5	6	14	12	15	23	32	21	27	25	20	9	11	3	8	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	2	..	2	..	..	..	..	..	1	..	..
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..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	..
..	..	..	..	..	..	..	..	1	1	3	2	3	6	..	..
29	37	28	27	29	16	18	11	12	9	2	1	1	..	2	..
1	3	3	3	4	3	4	6	4	3	..	..	1	..	..	..
1	4	5	1	..	1	1	..	..	..	..	..	..	..	..	..
27	30	20	23	25	12	13	5	8	6	2	1	..	..	2	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
167	212	255	252	289	281	240	144	167	155	116	74	49	27	97	3
140	159	148	178	124	140	126	141	167	153	129	98	66	43	102	..
307	371	403	430	413	421	366	285	334	308	245	172	115	70	199	3

HE BRONX.

or the Year Ending December 31, 1907.

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
5	..	2	5	1	..	..	..	..	..	..	..	..	..	2	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
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Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
6. Measles	55	11	20	10	6	1	49	4	..	1
7. Scarlet fever	42	1	..	10	7	4	22	16	2	1
8. Whooping cough	14	8	3	1	..	..	12	2	..	..
9. Diphtheria and croup	70	8	21	15	6	7	57	10	1	..
10. Influenza	16	2	1	1	..	..	4	..	..	..
11. Miliary fever	..	..	..	..	..	..	..	..	..	..
12. Asiatic cholera	..	..	..	..	..	..	..	..	..	..
13. Cholera nostras	..	..	..	..	..	..	..	..	..	..
14. Dysentery	2	1	..	..	..	..	1	..	..	..
15. Plague	..	..	..	..	..	..	..	..	..	..
16. Yellow fever	..	..	..	..	..	..	..	..	..	..
17. Leprosy	..	..	..	..	..	..	..	..	..	..
18. Erysipelas	11	4	..	..	..	..	4	..	..	..
19. Other epidemic diseases	..	..	..	..	..	..	..	..	..	..
20. Pyemia, septicemia	2	..	..	..	..	..	..	1	..	..
21. Glanders	..	..	..	..	..	..	..	..	..	..
22. Malignant pustule	..	..	..	..	..	..	..	..	..	..
23. Hydrophobia	..	..	..	..	..	..	..	..	1	..
24. Actinomycosis	..	..	..	..	..	..	..	..	..	..
24a. Trichinosis	..	..	..	..	..	..	..	..	..	..
25. Pellagra	..	..	..	..	..	..	..	..	..	..
26. Tuberculosis of larnyx	1	..	..	..	..	..	..	..	..	..
27. Tuberculosis of lungs	525	2	1	..	..	..	3	6	21	51
28. Tubercular meningitis	25	4	7	1	5	1	18	3	2	..
29. Abdominal tuberculosis	4	1	..	..	..	..	1	..	1	..
30. Pott's disease	3	..	..	..	..	..	..	..	2	..
31. Cold abscess	..	..	..	..	..	..	..	..	..	..
32. White swelling	1	..	..	..	..	..	..	..	..	1
33. Tuberculosis of other organs	2	..	..	..	..	..	..	..	..	..
34. General tuberculosis	5	..	1	..	..	..	1	1	..	..
35. Scrofula	..	..	..	..	..	..	..	..	..	..
36. Syphilis	7	3	..	1	..	..	4	..	..	..
37. Gonorrhea (adults)	..	..	..	..	..	..	..	..	..	..
38. Gonorrhea (children)	..	..	..	..	..	..	..	..	..	..
39. Cancers, etc., of the mouth	4	..	..	..	..	..	..	..	..	..
40. Cancer of stomach, liver	50	..	..	..	..	..	..	..	..	..
41. Cancer of intestines, rectum	22	..	..	..	..	..	..	..	..	..

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
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1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	2	..	..	2	1	1	1	1	1	3	..	..	..
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81	93	75	67	39	33	22	12	6	12	4	..	..	..	26	..
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1	2	..	..	..	..	..	..	..	..	..	..	..	..	1	..
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..	..	1	1	1	6	6	10	10	5	5	4	1	..	1	..
..	..	..	2	2	4	1	2	3	4	2	2	..	..	2	..

Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
42. Cancer of female genital organs	44	..	..	..	..	..	..	..	..	..
43. Cancer of the breast	23	..	..	..	..	..	..	..	..	..
44. Cancer of the skin	2	..	..	..	..	..	..	..	..	..
45. Cancer of other organs and unspecified	21	1	..	..	..	..	1	..	1	..
46. Other tumors (except of female genital organs)	1	..	..	..	..	..	..	..	..	..
47. Acute articular rheumatism	21	2	1	..	..	1	4	5	3	1
48. Chronic rheumatism and gout	8	..	..	..	..	..	..	1	..	..
49. Scurvy	..	..	..	..	..	..	..	..	..	..
50. Diabetes	44	..	..	..	..	..	..	1	..	1
51. Exophthalmic goitre	1	..	..	..	..	..	..	..	..	..
52. Addison's disease	..	..	..	..	..	..	..	..	..	..
53. Leukemia	2	..	..	..	..	..	..	..	..	..
54. Anemia, chlorosis	4	..	..	..	..	..	..	..	..	..
55. Other general diseases	..	..	..	..	..	..	..	..	..	..
56. Alcoholism, acute and chronic	6	..	..	..	..	..	..	..	..	..
57. Lead poisoning	..	..	..	..	..	..	..	..	..	..
58. Other chronic poisonings of occupation	..	..	..	..	..	..	..	..	..	..
59. Other chronic poisonings	..	..	..	..	..	..	..	..	..	..
II.—Diseases of Nervous System and Organs of Sense.										
60. Encephalitis	..	..	..	..	..	..	..	..	..	..
61. Simple meningitis	33	9	3	1	7	2	22	4	5	1
61a. (of which) Cerebro-spinal Meningitis	15	4	2	..	3	..	9	2	2	1
62. Locomotor ataxia	..	..	..	..	..	..	..	..	..	..
63. Other diseases of spinal cord	11	2	..	..	..	..	2	1	..	1
64. Apoplexy, congestion of brain	125	1	..	..	..	..	1	..	..	..
65. Softening of brain	2	..	..	..	..	..	..	..	..	..
66. Paralysis unspecified	7	..	..	..	..	..	..	..	..	1
67. General paresis	4	..	..	..	..	..	..	..	..	..
68. Other forms of insanity	1	..	..	..	..	..	..	..	..	..
69. Epilepsy	3	..	1	..	..	..	1	..	..	..
70. Convulsions (not puerperal)	1	..	..	..	..	..	..	..	..	..
71. Convulsions of infants	13	7	2	2	..	1	12	..	1	..
72. Tetanus, trismus	1	1	..	..	..	..	1	..	..	..
73. Chorea	..	..	..	..	..	..	..	..	..	..
74. Other nervous diseases	8	..	1	..	..	..	1	1	..	1
75. Diseases of the eyes	..	..	..	..	..	..	..	..	..	..
76. Diseases of the ears	3	1	..	..	1	..	2	..	..	..

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
1	3	4	7	8	7	4	9	1	..	..	..	..	2	..
2	..	1	2	3	2	5	2	2	3	..	1	..	..	..
..	..	..	..	..	..	..	..	..	1	..	1	..	..	..
1	1	..	..	2	5	3	3	1	2	..	1	..	1	..
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Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
III.—Diseases of Circulatory System										
77. Pericarditis	1	..	..	..	..	..	..	..	..	..
78. Acute endocarditis	6	..	..	..	..	1	1	..	..	..
79. Organic heart diseases	305	1	..	..	3	1	5	2	11	1
80. Angina pectoris	3	..	..	..	..	..	..	..	..	..
81. Diseases of arteries, aneurism, etc.	15	..	..	..	..	..	..	..	..	..
82. Embolism, thrombosis	7	..	..	..	..	..	..	..	..	1
83. Diseases of veins (hemorrhoids, varices, phlebitis, etc.)	6	..	..	..	..	..	..	..	..	..
84. Diseases of lymphatic (lymphangitis, etc.)	..	..	..	..	..	..	..	..	..	..
85. Hemorrhage	4	3	..	..	..	..	3	..	..	..
86. Other diseases of circulatory system	..	..	..	..	..	..	..	..	..	..
IV.—Diseases of Respiratory System.										
87. Diseases of the Nasal Fossæ	..	..	..	..	..	..	..	..	..	..
88. Diseases of the larynx	4	..	..	2	..	1	3	1	..	..
89. Diseases of thyroid gland	..	..	..	..	..	..	..	..	..	..
90. Acute bronchitis	25	10	1	2	..	..	13	..	..	..
91. Chronic bronchitis	12	1	..	..	..	..	1	..	..	..
92. Broncho-pneumonia	124	49	26	1	2	..	78	2	..	1
93. Pneumonia	157	14	9	3	5	..	31	3	4	4
94. Pleurisy	8	..	3	..	..	..	3	..	..	..
95. Congestion of lungs, pulmonary apoplexy	6	2	..	..	..	1	3	..	..	..
96. Gangrene of lung	..	..	..	..	..	..	..	..	..	..
97. Asthma	5	..	..	..	..	..	..	..	..	..
98. Pulmonary emphysema	1	..	..	..	..	..	..	..	..	..
99. Other diseases of respiratory system (phthisis excepted)	3	1	..	..	..	..	1	..	..	..
V.—Diseases of Digestive System.										
100. Diseases of mouth and adnexa	1	..	..	..	1	..	1	..	..	..
101. Diseases of pharynx	2	..	1	..	..	..	1	..	..	..
102. Diseases of esophagus	1	..	..	..	..	..	..	..	..	..
103. Ulcer of stomach	4	..	..	..	..	..	..	..	..	..
104. Other diseases of stomach (cancer excepted)	22	2	1	..	..	1	4	..	1	..
105. Diarrhea and enteritis (under two years)	169	140	28	1	..	..	169	..	..	..
(of which) chronic diarrhea	..	..	..	..	..	..	..	..	..	..
106. Diarrhea and enteritis (two years and over)	18	..	..	2	1	1	4	1	..	1
107. Intestinal parasites	..	..	..	..	..	..	..	..	..	..
108. Hernia, intestinal obstruction	22	5	..	..	..	..	5	1	..	..

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
..	..	..	..	..	..	..	..	1	..	..	..	..	..	..
..	1	2	..	..	..	..	..	..	1	1	..	..	1	..
6	9	16	19	17	21	33	47	33	32	24	12	8	8	..
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1	1	2	1	2	1	6	6	5	6	3	6	1	4	..
6	9	11	9	7	6	12	13	16	12	4	4	3	7	..
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..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
..	..	..	..	2	..	1	..	..	..	1	..	..	..	..
1	..	..	..	3	..	1	1	2	2	3	1	2	..	..
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..	..	1	1	..	1	1	..	2	2	2	..	1	1	..
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1	1	3	..	2	1	4	1	..	..	1	..	1	1	..

Cause of Death.	All Ages.	Under 1 year.	1	2	3	4	Total Under 5.	5	10	15
109. Other diseases of intestines....	3	..	..	..	..	..	..	1	..	1
110. Acute yellow atrophy of liver...	..	..	..	..	..	..	..	..	..	..
111. Hydatid tumor of liver.....	..	..	..	..	..	..	..	..	..	..
112. Cirrhosis of liver.....	26	..	..	..	..	..	..	..	..	..
113. Biliary calculi.....	..	..	..	..	..	..	..	..	..	..
114. Other diseases of liver.....	4	..	..	..	..	..	..	..	..	..
115. Diseases of spleen.....	1	..	..	..	..	..	..	..	..	..
116. Simple peritonitis (non-puerperal).....	4	..	..	..	..	1	1	..	..	..
117. Other diseases of digestive system (except tuberculosis and cancer).....	..	..	..	..	..	..	..	..	..	..
118. Appendicitis and iliac abscess..	11	..	..	..	..	..	..	2	..	1
VI.—Diseases of Genito-urinary System.										
119. Acute nephritis.....	20	1	..	..	..	..	1	1	1	1
120. Bright's disease.....	140	..	..	..	..	..	..	..	1	1
121. Other diseases of kidneys and adnexa.....	..	..	..	..	..	..	.	..	..	..
122. Urinary calculus.....	..	..	..	..	..	..	..	..	..	..
123. Diseases of bladder.....	..	..	..	..	..	..	..	..	..	..
124. Diseases of urethra, urinary abscess, etc.....	..	..	..	..	..	..	..	..	..	..
125. Diseases of the prostate.....	..	..	..	..	..	..	..	..	..	..
126. Non-venereal diseases of male genital organs.....	..	..	..	..	..	..	..	..	..	..
127. Metritis.....	1	..	..	..	..	..	..	..	..	..
128. Uterine hemorrhage (not puerperal).....	..	..	..	..	..	..	..	..	..	..
129. Uterine tumor (not cancer).....	2	..	..	..	..	..	..	..	..	..
130. Other diseases of uterus.....	7	..	..	..	..	..	..	..	..	..
131. Ovarian cysts and tumors.....	1	..	..	..	..	..	..	..	..	..
132. Other diseases of female genital organs.....	10	..	..	..	..	..	..	..	..	..
133. Diseases of breast (not puerperal, nor cancer.....	..	.	..	..	..	..	..	..	..	..
VII.—Puerperal Diseases.										
134. Accidents of pregnancy.....	11	..	..	..	..	..	..	..	..	2
135. Puerperal hemorrhage.....	4	..	..	..	..	..	..	..	..	..
136. Other accidents of labor.....	4	..	..	..	..	..	..	..	..	1
137. Puerperal septicemia.....	22	..	..	..	..	..	..	..	..	..
138. Puerperal albuminuria and convulsions.....	9	..	..	..	..	..	..	..	..	..
139. Puerperal phlegmasia alba dolens.....	..	..	..	..	..	..	..	..	..	..
140. Other accidents of parturition, sudden death.....	1	..	..	..	..	..	..	..	..	..
141. Puerperal diseases of breast....	..	..	..	..	..	..	..	..	..	..

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.
1	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	1	3	2	1	6	2	2	3	3	1	1	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	2	1	..	1	..	..	..	..	..	..
..	1	..	..	..	..	..	..	..	..	..	..	..	..
1	1	..	..	..	..	..	..	..	..	..		..	..
..	..	..	..	..	..	..	..	..	..	..		..	..
2	2	..	..	1	..	..	..	..	..	..		..	..
2	2	2	3	3	..	1	1	1	..	1	..	..	1
5	5	11	15	18	13	10	8	22	14	9	2	3	9
..	..	..	..	..	..	..	..	..	..	..	..	..	..
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1	2	2	1	1	..	..	..	..	..	..	..	..	2
..	..	..	..	1	..	..	..	..	..	..	..	..	..
2	3	2	..	..	..	..	..	..	..	..	..	..	1
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1	2	3	1	..	..	..	..	..	..	..	..	..	1
2	1	1	..	..	..	..	..	..	..	..	..	..	..
1	..	2	..	..	..	..	..	..	..	..	..	..	..
7	7	4	..	..	..	..	..	..	..	..	..	..	..
1	1	3	..	..	..	..	..	..	..	..	..	..	1
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Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10
VIII.—Diseases of Skin and Cellular Tissue.									
142. Gangrene	5	1	..	..	..	..	1	..	..
143. Carbuncle	1	..	..	..	..	..	..	..	..
144. Phlegmon, acute abscess	2	1	..	..	..	..	1	..	..
145. Other diseases of skin and adnexa	1	..	..	..	..	..	..	..	..
IX.—Diseases of Locomotory System.									
146. Diseases of bones (non-tuberculous)	1	1	..	..	..	..	1	..	..
147. Arthritis, other diseases of joints (except tuberculosis and rheumatism)	..	..	..	..	..	..	..	..	..
148. Amputation	..	..	..	..	..	..	..	..	..
149. Other diseases of organs of locomotion	..	..	..	..	..	..	..	..	..
X Malformations.									
150. Congenital malformations	22	22	..	..	..	..	22	..	..
XI.—Diseases of Infancy.									
151. Congenital debility, icterus and sclerema (of which)	121	121	..	..	..	..	121	..	..
151a. Injury during birth	3	3	..	..	..	..	3	..	..
152. Other diseases peculiar to infancy	1	1	..	..	..	..	1	..	..
153. Neglect	..	..	..	..	..	..	..	..	..
XII.—Diseases of Old Age.									
154. Senile debility	27	..	..	..	..	..	..	..	..
XIII.—External Causes.									
155. Suicide by poison	2	..	..	..	..	..	..	..	..
156. Suicide by asphyxia	7	..	..	..	..	..	..	..	..
157. Suicide by hanging or strangulation	2	..	..	..	..	..	..	..	..
158. Suicide by drowning	1	..	..	..	..	..	..	..	..
159. Suicide by fire-arms	..	..	..	..	..	..	..	..	..
160. Suicide by cutting instruments	..	..	..	..	..	..	..	..	..
161. Suicide by precipitation from height	3	..	..	..	..	..	..	..	..
162. Suicide by crushing	..	..	..	..	..	..	..	..	..
163. Suicide by other methods	..	..	..	..	..	..	..	..	..
164. Fractures	3	1	..	..	..	..	1	..	..
165. Dislocations	..	..	..	..	..	..	..	..	..
166. Other accidental injuries	45	3	..	..	3	3	9	3	3
167. Burn, by fire scald	21	..	2	1	4	3	10	5	1
168. Burning by corrosive substances	..	..	..	..	..	..	..	..	..
169. Sunstroke	1	..	..	..	..	..	..	..	..
170. Freezing	..	..	..	..	..	..	..	..	..
171. Electrical shock	..	..	..	..	..	..	..	..	..
172. Accidental drowning	3	..	..	..	..	..	..	..	..

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.
..	..	..	..	..	..	..	..	..	..	2	1	..	1	..
..	..	..	..	..	..	..	..	1	..	..	..	..	..	..
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..	..	..	..	..	..	..	..	..	..	4	6	7	10	2
1	1	..	..	..	..	..	..	..	..	..	..	..	..	..
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1	5	2	5	1	2	1	3	2	2	..	..	1	..	..
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Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
173. Inanition (starvation)	..	..	..	..	..	..	..	..	..	..
174. Inhalation of noxious gas, not suicidal	4	..	..	..	..	..	..	..	..	1
175. Other acute poisoning	1	..	..	..	..	..	..	..	..	..
176. Other external violence	10	2	..	..	..	..	2	..	..	..
(Of which) a. Homicide, by blows	1	..	..	..	..	..	..	..	..	..
b. Homicide, by sharp instruments	..	..	..	..	..	..	..	..	..	..
c. Homicide, by gunshot	1	..	..	..	..	..	..	..	..	..
d. Homicide, by poison	..	..	..	..	..	..	..	..	..	..
e. Homicide, by other methods	1	1	..	..	..	..	1	..	..	..
XIV.—Ill-defined or not Specified Causes.										
177. Dropsy	..	..	..	..	..	..	..	..	..	..
178. Sudden death, not puerperal	..	..	..	..	..	..	..	..	..	..
179. Ill-defined causes	30	23	6	..	1	..	30	..	..	..
I.—General diseases	1,060	49	57	39	25	15	185	52	33	58
a. Tuberculous diseases	566	7	9	1	5	1	23	10	26	52
b. Cancer	166	1	..	..	..	..	1	..	1	..
II.—Diseases of nervous system and organs of sense	212	21	7	3	7	4	42	6	6	4
III.—Diseases of circulatory system	347	4	..	..	3	2	9	2	11	3
IV.—Diseases of respiratory system	345	77	39	8	7	2	133	6	4	5
V.—Diseases of digestive system	288	147	30	3	2	3	185	5	1	6
VI.—Diseases of genito-urinary system	181	1	..	..	..	..	1	1	2	2
VII.—Puerperal diseases	51	..	..	..	..	..	..	..	..	3
VIII.—Diseases of skin and cellular tissue	9	2	..	..	..	..	2	..	..	..
IX.—Diseases of locomotor system	1	1	..	..	..	..	1	..	..	..
X.—Malformations	22	22	..	..	..	..	22	..	..	..
XI.—Diseases of infancy	122	122	..	..	..	..	122	..	..	..
XII.—Diseases of old age	27	..	..	..	..	..	..	..	..	..
XIII.—External causes	103	6	2	1	7	6	22	8	4	10
a. Suicide	15	..	..	..	..	..	..	..	..	2
b. Homicide	3	1	..	..	..	..	1	..	..	..
c. Accident	85	5	2	1	7	6	21	8	4	8
XIV.—Causes ill-defined	30	23	6	..	1	..	30	..	..	..
Total females	2,798	475	141	54	52	32	754	80	61	91

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4	3	..	..	..	1	..	..	..	..	..	..	..	..	..	..
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..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..
95	104	87	90	60	65	51	43	52	39	23	15	7	1	41	..
82	97	78	67	41	33	22	12	6	12	5	..	..	..	28	..
..	4	5	8	12	24	21	24	28	14	13	6	4	1	6	..
3	2	4	7	9	8	14	17	19	18	18	18	12	5	7	..
9	7	10	20	19	18	23	39	50	38	37	29	13	10	11	..
5	7	12	16	11	9	9	18	24	24	22	11	21	8	12	..
4	7	6	7	3	11	9	9	7	7	7	8	2	4	5	..
6	10	12	18	19	23	13	11	10	24	14	10	2	3	13	..
10	12	11	13	1	1	..	..	..	..	..	..	..	..	2	..
..	..	..	..	..	..	1	..	2	..	2	1	..	1	..	..
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..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	..
..	..	..	..	..	..	..	..	..	..	4	6	7	10	2	..
8	10	6	7	2	5	6	4	3	3	2	..	2	1	1	..
1	1	2	2	1	1	2	1	..	..	2	..	..	..	..	..
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7	8	4	5	1	3	4	3	3	3	..	..	2	1	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..
140	159	148	178	124	140	126	141	167	153	129	98	66	43	102	..

Deaths of Males by Age, and Cause of Death,

Cause of Death.	Total both Sexes	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
I.—General Diseases.											
1. Typhoid fever	271	169	1	..	1	2	1	5	3	7	21
2. Typhus fever	..	..	..	..	..	..	..	..	..	..	..
3. Relapsing fever	..	..	..	..	..	..	..	..	..	..	..
4. Malarial fever	42	31	2	..	1	2	1	6	2	2	1
5. Small-pox	8	4	1	..	..	1	..	2	..	..	..
6. Measles	288	163	47	47	29	17	7	147	13	1	1
7. Scarlet fever	321	170	3	18	22	29	21	93	56	11	3
8. Whooping cough	154	74	45	18	4	4	1	72	2	..	..
9. Diphtheria and croup	603	321	35	62	65	44	41	247	62	8	..
10. Influenza	334	168	20	4	2	3	1	30	5	2	2
11. Miliary fever	..	..	..	..	..	..	..	..	..	..	..
12. Asiatic cholera	..	..	..	..	..	..	..	..	..	..	..
13. Cholera nostras	..	..	..	..	..	..	..	..	..	..	..
14. Dysentery	57	26	7	2	1	..	1	11	..	..	1
15. Plague	..	..	..	..	..	..	..	..	..	..	..
16. Yellow fever	..	..	..	..	..	..	..	..	..	..	..
17. Leprosy	..	..	..	..	..	..	..	..	..	..	..
18. Erysipelas	64	36	9	..	..	..	..	9	..	..	1
19. Other epidemic diseases	12	8	1	1	3	..	..	5	..	..	1
20. Pyemia, septicemia	18	10	..	..	..	..	..	..	..	..	..
21. Glanders	..	..	..	..	..	..	..	..	..	..	..
22. Malignant pustule	2	1	..	..	..	..	..	..	..	..	..
23. Hydrophobia	11	7	..	..	..	1	..	1	1	2	..
24. Actinomycosis	..	..	..	..	..	..	..	..	..	..	..
24a. Trichinosis	..	..	..	..	..	..	..	..	..	..	..
25. Pellagra	..	..	..	..	..	..	..	..	..	..	..
26. Tuberculosis of larynx	33	25	..	..	..	..	..	..	..	..	..
27. Tuberculosis of lungs	2,515	1,537	6	6	3	2	4	21	3	8	76
28. Tubercular meningitis	205	108	28	24	14	10	3	79	18	3	2
29. Abdominal tuberculosis	74	37	10	2	1	1	..	14	3	5	1
30. Pott's disease	24	15	..	..	..	..	1	1	..	2	4
31. Cold abscess	6	4	..	..	..	..	..	..	..	..	1
32. White swelling	12	8	..	..	..	..	..	..	2	1	3

ROOKLYN.

or the Year Ending December 31, 1907.

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
23	31	19	26	14	6	6	3	1	3	1	..	..	..	3	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	5	2	..	2	3	1	3	2	1	..	1	..	..	1	..
1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..
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4	..	..	2	..	..	..	1	..	..	..	..	..	..	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	..
2	..	..	1	1	..	..	..	..	..	..	..	..	..	3	..
8	3	11	8	12	11	6	8	9	19	12	8	11	3	11	..
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1	..	1	..	1	1	..	2	2	2	2	1	1	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	1	1	1	5	4	3	2	4	2	..	..	1	..	1	..
..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	1
..	1	..	2	..	2	1	2	1	..	..	1	..	..	2	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
..	..	1	..	..	..	1	..	1	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4	5	4	3	3	1	2	2	..	..	..	1	..	..	..	..
154	183	248	265	192	156	93	61	36	22	14	5	..	..	43	1
..	..	1	..	1	..	3	1	..	..	..	..	..	..	7	..
1	..	3	1	1	1	2	2	2	..	1	..	..	..	2	..
1	1	1	1	1	1	1	..	..	..	..	1	..	..	..	..
1	..	..	1	1	..	..	..	..	..	..	..	..	..	1	..
..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..

Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
3. Tuberculosis of other organs	19	13	2	..	2	..	..	4	..	..	1
34. General tuberculosis	41	23	7	1	..	..	..	8	2	..	1
35. Scrofula	..	..	..	..	..	..	..	..	..	..	..
36. Syphilis	71	43	23	1	1	..	..	25	2	..	1
37. Gonorrhea (adults)	3	2	..	..	..	..	..	..	..	..	..
38. Gonorrhea (children)	1	..	..	..	..	..	..	..	..	..	..
39. Cancers, etc., of the mouth	42	34	..	..	..	..	..	..	..	..	..
40. Cancer of stomach, liver	411	214	..	..	..	..	..	..	..	..	1
41. Cancer of intestines, rectum	134	59	..	..	..	..	..	..	..	..	..
42. Cancer of female genital organs	149	..	..	..	..	..	..	..	..	..	..
43. Cancer of the breast	87	..	..	..	..	..	..	..	..	..	..
44. Cancer of the skin	20	10	1	..	..	..	..	1	..	..	..
45. Cancer of other organs and unspecified	150	86	..	..	..	..	2	2	..	2	2
46. Other tumors (except of female genital organs	8	3	..	..	..	..	..	..	..	..	..
47. Acute articular rheumatism	140	76	..	3	1	1	1	6	11	9	3
48. Chronic rheumatism and gout	31	16	..	..	..	..	..	..	1	..	..
49. Scurvy	7	1	1	..	..	..	..	1	..	..	..
50. Diabetes	224	88	..	..	..	1	..	1	2	3	2
51. Exophthalmic goitre	7	2	..	..	..	..	..	..	..	..	..
52. Addison's disease	2	2	..	..	..	..	..	..	..	..	..
53. Leukemia	8	3	..	..	..	..	..	..	..	..	..
54. Anemia, chlorosis	50	13	..	..	..	..	..	..	1	..	1
55. Other general diseases	..	..	..	..	..	..	..	..	..	..	..
56. Alcoholism, acute and chronic	161	141	..	..	..	..	..	..	..	..	..
57. Lead poisoning	3	3	..	..	..	..	..	..	..	..	..
58. Other chronic poisonings of occupation	..	..	..	..	..	..	..	..	..	..	..
59. Other chronic poisonings	..	..	..	..	..	..	..	..	..	..	..
II.—Diseases of Nervous System and Organs of Sense.											
60. Encephalitis	3	1	..	..	..	..	..	..	..	..	..
61. Simple meningitis	238	132	34	21	7	6	5	73	21	9	4
61a. (of which) cerebro-spinal meningitis	145	74	13	10	4	5	3	35	13	8	4
62. Locomotor ataxia	49	36	..	..	..	..	..	..	..	..	..
63. Other diseases of spinal cord	75	32	1	4	5	3	..	13	1	1	..
64. Apoplexy, congestion of brain	1,024	460	6	3	..	..	..	9	..	..	1
65. Softening of brain	14	8	..	..	..	..	..	..	..	..	..

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
1	3	1	1	..	1	..	..	..	1	..	..	..	..	..	..
3	2	2	..	2	1	..	..	1	1	..	..	..	..	4	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	..	4	2	2	3	1	..	1	1	..	..	..	..	6	..
..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	1	3	2	4	3	4	7	5	2	1	1	1	..	..
1	..	3	15	13	19	32	29	36	25	24	11	3	2	3	..
2	1	2	4	5	7	7	6	7	13	3	2	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	1	..	..	2	1	..	3	..	1	1	..	..
1	3	3	2	8	11	10	12	12	8	6	4	..	..	2	..
..	..	..	..	..	1	1	..	..	..	..	..	..	1	..	..
5	6	6	8	1	4	4	4	5	2	..	1	1	..	1	..
..	..	1	..	2	..	..	2	3	4	1	2	..	..	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	1	2	1	6	4	17	15	10	9	6	6	2	..	..	..
..	..	..	..	1	..	..	..	1	..	..	..	..	..	1	..
..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..
..	1	..	1	..	..	..	..	..	..	1	..	..	..	..	..
..	..	2	..	..	..	3	3	2	..	1	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4	12	25	32	27	18	7	9	4	1	..	2	..	..	..	1
..	..	1	1	..	..	1	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	1	..	..			..
4	3	5	4	2	4	1	1	..	1	..	..	..			..
2	3	1	3	2	2	..	1	..	..	..	..	..			..
..	1	..	3	3	8	4	2	4	6	5	..	..		1	..
..	..	2	1	2	2	1	3	2	2	..	2	..		1	..
1	5	4	13	19	28	47	45	66	72	69	43	23	15	4	..
..	..	..	..	..	..	1	..	..	2	3	1	1	..	..	..

Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10
66. Paralysis unspecified..	65	30	..	..	..	..	..	..	..	..
67. General paresis.....	66	41	..	..	..	..	..	..	..	..
68. Other forms of insanity.....	25	19	..	..	..	..	..	..	..	..
69. Epilepsy.....	30	14	..	1	..	..	..	1	4	..
70. Convulsions (not puerperal).....	..	..	..	..	..	..	..	..	..	..
71. Convulsions of infants.....	190	102	88	9	4	..	1	102	..	..
72. Tetanus, trismus	21	16	3	..	..	..	..	3	3	6
73. Chorea	..	..	..	..	..	..	..	..	..	..
74. Other nervous diseases.....	51	38	3	2	1	1	..	7	..	..
75. Diseases of the eyes ..	..	..	..	..	..	..	..	..	..	..
76. Diseases of the ears...	31	16	5	2	2	..	..	9	..	2
III.—Diseases of Circulatory System.										
77. Pericarditis.....	26	14	1	..	..	..	1	2	1	1
78. Acute endocarditis....	334	170	5	2	4	1	..	12	8	2
79. Organic heart diseases	2,556	1,243	6	3	3	4	4	20	22	25
80. Angina pectoris.....	87	47	..	..	..	..	..	..	..	..
81. Diseases of arteries, aneurism, etc.....	183	97	..	..	..	..	..	..	..	..
82. Embolism, thrombosis	67	29	1	..	1	..	..	2	1	..
83. Diseases of veins, hemorrhoids, varices, phlebitis, etc ..	9	4	..	..	..	..	..	..	..	..
84. Diseases of lymphatics (lymphangitis, etc.).....	2	1	..	..	..	..	..	..	..	..
85. Hemorrhage	17	10	5	2	1	..	..	8	..	..
86. Other diseases of circulatory system ...	..	..	..	..	..	..	..	..	..	..
IV.—Diseases of Respiratory System.										
87. Diseases of nasal fossae	1	1	..	..	1	..	..	1	..	..
88. Diseases of the larynx	18	10	..	..	2	2	1	5	1	1
89. Diseases of thyroid gland.....	3	1	1	..	..	..	..	1	..	..
90. Acute bronchitis.....	523	259	187	32	8	4	..	231	3	..
91. Chronic bronchitis....	179	83	6	6	..	..	..	12	..	..
92. Broncho-pneumonia ..	1,582	779	331	152	73	29	21	606	22	8
93. Pneumonia	2,122	1,189	142	91	40	22	12	307	35	13
94. Pleurisy	59	40	4	1	4	..	..	9	..	1
95. Congestion of the lungs, pulmonary apoplexy	26	16	5	2	..	1	..	8	..	..
96. Gangrene of lung.....	5	4	..	..	..	..	..	..	..	..
97. Asthma.....	57	26	..	..	..	..	..	..	..	..
98. Pulmonary emphysema	14	11	..	..	..	..	..	..	..	..
99. Other diseases of respiratory system (phthisis excepted)	17	12	1	..	..	1	..	2	..	..

)	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
..	..	2	1	..	..	1	3	7	3	4	8	1	..	..	..
1	..	1	5	5	9	4	4	3	5	1	..	1	1	..	..
1	1	1	1	2	2	1	2	1	1	4	1	1	..	3	..
1	1	1	..	..	..	1	2	..	2	1	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	..
..	..	1	..	1	..	..	1	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3	3	6	2	3	4	2	4	1	2	1	..	..	..	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	1	..	..	..	..	1	..	..	..	..	1	..	..	2	..
..	1	2	..	..	4	..	3	..	..	..	..	..	..	..	..
9	4	5	5	9	8	20	18	17	16	16	13	4	1	5	..
27	32	51	75	64	99	115	136	141	138	111	78	52	26	19	1
1	..	2	3	3	6	6	7	3	4	4	4	1	3	..	..
..	..	1	2	6	5	9	9	14	18	8	13	5	6	2	..
1	2	..	2	1	1	1	3	5	6	2	1	..	1	..	..
..	..	..	1	1	..	1	..	..	1	..	..	..	..	..	..
..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	1	..	1	..	..	..	1	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	..	1	..	1	..	1	..	5	2	4	5	1	3	5	..
..	1	2	1	1	5	2	6	7	10	15	12	7	2	2	..
6	6	8	8	9	14	8	9	18	13	14	8	9	9	17	..
47	56	80	102	105	85	64	67	47	51	49	27	11	9	39	..
7	2	1	5	1	3	1	1	2	2	1	2	1	..	1	..
..	..	..	2	1	1	..	..	1	..	1	1	1	..	..	..
..	..	..	1	..	..	..	1	1	..	1	..	..	..	..	..
..	..	..	2	1	..	2	4	6	2	4	2	2	1	..	..
..	..	..	1	..	..	..	1	1	4	3	..	1	..	..	..
1	..	..	2	1	..	2	1	2	..	..	..	..	..	..	..

Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10
V.—Diseases of Digestive System.										
100. Diseases of mouth and adnexa	6	3	3	..	..	..	..	3	..	..
101. Diseases of pharynx	19	12	2	..	1	..	..	3	1	1
102. Diseases of esophagus	2	2	..	1	..	..	..	1	1	..
103. Ulcer of stomach	48	32	..	..	..	..	..	..	..	..
104. Other diseases of stomach (cancer excepted)	137	70	23	2	1	2	..	28	..	1
105. Diarrhœa and enteritis (under two years)	2,294	1,228	1,031	197	..	..	..	1,228	..	..
(of which) chronic diarrhœa	..	..	..	..	..	..	..	..	..	..
106. Diarrhœa and enteritis (two years and over)	289	143	..	..	41	17	9	67	9	5
107. Intestinal parasites	..	..	..	..	..	..	..	..	..	..
108. Hernia, intestinal obstruction	164	76	16	3	4	..	1	24	2	..
109. Other diseases of intestines	56	24	13	2	1	..	..	16	..	..
110. Acute yellow atrophy of liver	1	..	..	..	..	..	..	..	..	..
111. Hydatid tumor of liver	..	..	..	..	..	..	..	..	..	..
112. Cirrhosis of liver	446	282	..	..	..	..	..	..	..	..
113. Biliary calculi	24	10	..	..	..	..	..	..	..	1
114. Other diseases of liver	71	32	5	..	..	..	..	5	2	..
115. Diseases of spleen	1	..	..	..	..	..	..	..	..	..
116. Simple peritonitis (non-puerperal)	1	1	..	..	..	..	..	..	..	..
117. Other diseases of digestive system (except tuberculosis and cancer)	2	..	..	..	..	..	..	..	..	..
118. Appendicitis and iliac abscess	203	109	..	..	1	2	3	6	8	20
VI.—Diseases of Genito-urinary System.										
119. Acute nephritis	294	169	21	6	1	6	4	38	10	5
120. Bright's disease	1,703	874	2	4	..	1	3	10	8	5
121. Other diseases of kidneys and adnexa	30	21	1	..	..	..	..	1	..	..
122. Urinary calculus	11	7	..	..	..	..	..	..	..	..
123. Diseases of bladder	17	13	1	..	..	..	..	1	..	..
124. Diseases of urethra, urinary abscess, etc.	5	5	..	..	..	..	..	..	..	..
125. Diseases of the prostate	28	28	..	..	.	..	..	..	..	..
126. Non-venereal diseases of male genital organs	2	2	..	..	..	..	..	..	..	..
127. Metritis	3	..	..	..	..	..	..	..	..	..
128. Uterine hemorrhage (not puerperal)	..	..	..	..	..	..	..	..	..	..
129. Uterine tumor (not cancer)	24	..	..	..	..	..	..	..	..	..

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	2	2	..	1	..	1	..	..	..	..	..	..	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	3	2	3	7	4	1	2	3	2	3	1	..	..	..	..
2	2	2	3	1	5	8	4	1	3	4	2	4	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	36	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	1	4	8	2	1	3	5	11	6	5	8	2	2	2	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3	4	4	6	4	3	2	7	3	6	4	2	1	1	1	..
..	..	..	..	1	1	1	2	..	..	..	..	1	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	2	18	42	30	39	38	40	29	21	10	7	3	..	4	..
..	1	..	..	1	..	2	..	2	3	..	..	..	..	..	..
1	1	2	1	5	2	2	5	2	2	1	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10	7	4	10	13	5	4	3	..	1	..	..	..	..	1	..
7	8	13	16	16	12	9	12	5	7	2	5	3	..	5	..
9	31	36	69	56	72	87	82	115	93	74	69	33	17	16	..
1	2	3	3	1	2	..	1	3	1	..	1	1	1	..	..
..	..	2	1	..	2	..	1	..	..	1	..	..	..	..	..
1	..	..	1	..	..	..	..	..	2	3	1	3	1	1	..
..	..	2	..	1	1	..	..	..	..	1	..	..	..	..	..
..	..	..	..	..	..	..	4	1	3	6	5	8	1	..	..
..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
130. Other diseases of uterus	11	..	..	..	..	..	..	..	..	..	.
131. Ovarian. cysts and tumors	24	..	..	..	..	..	..	..	..	..	.
132. Other diseases of female genital organs	33	..	..	..	..	..	..	..	..	..	.
133. Diseases of breast (not puerperal, nor cancer)	1	..	..	..	..	..	..	..	..	..	.
VII.—Puerperal Diseases.											
134. Accidents of pregnancy	29	..	..	..	..	..	..	..	..	..	.
135. Puerperal hæmorrhage	17	..	..	..	..	..	..	..	..	..	.
136. Other accidents of labor	29	..	..	..	..	..	..	..	..	..	.
137. Puerperal septicemia.	134	..	..	..	..	..	..	..	..	..	.
138. Puerperal albuminuria and convulsions.	65	..	..	..	..	..	..	..	..	..	.
139. Puerperal phlegmasia alba dolens	..	..	..	..	..	..	..	..	..	..	.
140. Other accidents of parturition, sudden death	16	..	..	..	..	..	..	..	..	..	..
141. Puerperal diseases of breast	..	..	..	..	..	..	..	..	..	..	..
VIII.—Diseases of Skin and Cellular Tissue.											
142. Gangrene	25	10	..	..	..	..	..	..	..	..	..
143. Carbuncle	6	6	..	..	..	..	..	..	..	..	..
144. Phlegmon, acute abscess	11	7	1	1	..	..	..	2	1	1	1
145. Other diseases of skin and adnexa	14	6	4	..	..	..	..	4	..	..	..
IX.—Diseases of Locomotory System.											
146. Diseases of bones (non-tuberculous)	42	21	2	4	..	..	1	7	3	..	1
147. Arthritis, other diseases of joints (except tuberculosis and rheumatism)	3	1	..	..	..	..	..	..	..	..	..
148. Amputation	..	..	..	..	..	..	..	..	..	..	..
149. Other diseases of organs of locomotion	1	1	..	..	..	..	..	..	..	..	..
X.—Malformations.											
150. Congenital malformations	277	169	160	3	1	1	1	166	1	..	2
XI.—Diseases of Infancy.											
151. Congenital debility, icterus and sclerema (of which)	960	563	563	..	..	..	..	563	..	..	..
151a. Injury during birth	111	63	63	..	..	..	..	63	..	..	..
152. Other diseases peculiar to infancy	95	54	54	..	..	..	..	54	..	..	..
153. Neglect	..	..	..	..	..	..	..	..	..	..	..
XII.—Diseases of Old Age.											
154. Senile debility	317	118	..	..	..	..	..	..	..	..	..

	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
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..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	2	..	2	1	2	1	2	..	..
2	1	..	..	2	..	..	..	2	2	..	1	..	..	..	..
..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..
2	1	2	2	..	2	..	..	1	..	..	..	..	..	1	..
..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	17	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	4	7	10	23	37	37	1	..

Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10
XIII.—External Causes.										
155. Suicide by poison.....	33	25	..	..	..	..	..	..	..	..
156. Suicide by asphyxia..	67	53	..	..	..	..	..	..	..	..
157. Suicide by hanging or strangulation...	35	27	..	..	..	..	..	..	..	..
158. Suicide by drowning..	2	1	..	..	..	..	..	..	..	..
159. Suicide by firearms...	64	59	..	..	..	..	..	..	..	..
16. Suicide by cutting instruments.....	12	10	..	..	..	..	..	..	..	..
161. Suicide by precipitation from height...	6	5	..	..	..	..	..	..	..	..
162. Suicide by crushing...	1	1	..	..	..	..	..	..	..	..
163. Suicide by other methods	..	..	..	..	..	..	..	..	..	..
164. Fractures.....	24	20	..	..	..	..	..	..	1	2
165. Dislocations.....	..	..	..	..	..	..	..	..	..	..
166. Other accidental injuries.....	561	439	2	4	7	5	8	26	40	17
167. Burn, by fire, scald...	136	52	1	10	3	4	4	22	4	2
168. Burning by corrosive substances....	..	..	..	..	..	..	..	..	..	..
169. Sunstroke	38	24	4	2	..	2	..	8	1	..
17. Freezing	4	4	..	..	..	..	..	..	..	..
171. Electrical shock.....	10	10	..	..	..	..	..	..	..	..
172. Accidental drowning.	115	105	..	..	..	..	..	..	2	6
173. Inanition (starvation)	..	..	..	..	..	..	..	..	..	..
174. Inhalation of noxious gas, not suicidal	105	68	..	1	..	..	..	1	..	1
175. Other acute poisoning.....	37	17	2	1	2	1	1	7	..	..
176. Other external violence	115	84	16	1	..	..	..	17	1	3
Of which										
a. Homicide, by blows	16	16	..	..	..	..	..	..	1	..
b. Homicide by sharp instruments	15	11	..	..	..	..	..	..	..	..
c. Homicide, by gunshot.....	46	36	..	..	..	..	..	..	..	1
d. Homicide, by poison	..	..	..	..	..	..	..	..	..	..
e. Homicide, by other methods...	4	2	..	..	..	..	..	..	..	1
XIV.—Ill-defined or not Specified Causes.										
177. Dropsy	..	..	..	..	..	..	..	..	..	..
178. Sudden death, not puerperal.....	..	..	..	..	..	..	..	..	..	..
179. Ill-defined causes.....	57	27	24	3	..	..	..	27	..	..

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
3	..	6	5	3	2	..	..	2	1	..	..	..	..	..
8	7	5	8	2	7	6	..	2	4	1	..	..	..	..
2	6	..	1	2	6	..	..	4	..	1	..	..	..	..
..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
5	6	8	3	6	6	7	6	2	1	3	..	..	..	..
1	3	..	3	1	..	2	..	..	..	..	..	..	..	..
1	1	1	..	..	..	..	..	..	..	..	..	..	..	..
..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3	3	3	1	2	1	..	1	..	..	..	1	..	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
43	26	52	47	39	30	20	14	8	8	7	3	1	9	1
2	2	3	6	3	..	1	..	1	..	..	..	1	2	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	..	1	3	2	3	1	2	1	..	..	1	..	1	..
..	1	1	..	1	1	..	..	..	..	..	..	..	..	..
2	1	..	2	1	1	..	..	..	..	..	..	..	..	..
7	9	12	22	14	2	4	4	1	..	..	1	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5	9	9	8	7	4	6	5	3	1	1	1	..	1	..
1	..	..	1	..	5	1	..	1	..	..	..	..	..	..
11	14	4	6	7	2	..	..	..	..	..	..	..	2	1
3	1	..	4	4	1	..	..	..	..	..	..	..	1	..
2	3	..	..	..	..	..	..	..	..	..	..	..	..	..
6	9	3	2	3	1	..	..	..	..	..	..	..	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	1	..	..	..	..	..	..	..	..	..	..	..	..	1
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	1	..

Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10
I. General diseases....	6,822	3,754	249	189	150	118	85	791	189	66
a. Tuberculous diseases.....	2,929	1,770	53	33	20	13	8	127	28	19
b. Cancer.....	995	403	1	..	..	..	2	3	..	2
II.—Diseases of nervous system and organs of sense..	1,882	945	140	42	19	10	6	217	29	18
III.—Diseases of circulatory system..	3,281	1,615	18	7	9	5	5	44	32	28
IV.—Diseases of respiratory system.	4,606	2,431	677	284	128	59	34	1,182	61	23
V.—Diseases of digestive system.....	3,764	2,024	1,093	205	49	21	13	1,381	23	38
VI.—Diseases of genito-urinary system	2,186	1,119	25	10	1	7	7	50	18	10
VII.—Puerperal diseases.	290	..	..	..	..	..	..	..	..	..
VIII.—Diseases of skin and cellular tissue.....	56	29	5	1	..	..	..	6	1	1
IX.—Diseases of locomotory system.	46	23	2	4	..	..	1	7	3	..
X.—Malformations.....	277	169	160	3	1	1	1	166	1	..
XI.—Diseases of infancy.	1,093	621	621	..	..	..	..	621	..	..
XII.—Diseases of old age.	317	118	..	..	..	..	..	..	..	..
XIII.—External causes....	1,365	1,004	25	19	12	12	13	81	49	31
a. Suicide.....	220	181	..	..	..	..	..	..	..	..
b. Homicide.....	81	65	..	..	..	..	..	..	1	2
c. Accident.....	1,064	758	25	19	12	12	13	81	48	29
XIV.—Causes ill-defined..	57	27	24	3	..	..	..	27	..	..
Total males.....	....	13,879	3,039	767	369	233	165	4,573	406	205
Total females...	....	12,164	2,464	691	312	197	155	3,819	371	187
Total both sexes.	....	26,043	5,503	1,458	681	430	320	8,392	777	392

BOROUG

Deaths of Females by Age and Cause of D

Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10
I.—General Diseases.									
1. Typhoid fever.....	102	2	1	..	1	..	4	3	10
2. Typhus fever.....	..	..	..	..	..	..	..	..	..
3. Relapsing fever.....	..	..	..	..	..	..	..	..	..
4. Malarial fever.....	11	..	2	..	1	1	4	1	..
5. Smallpox.....	4	1	..	..	..	..	1	1	..
6. Measles.....	125	29	48	17	14	7	115	9	1
7. Scarlet fever.....	151	4	19	16	27	22	88	41	12

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
221	261	347	384	304	260	206	174	149	119	77	47	21	8	99	3
165	194	261	272	201	161	102	66	39	24	15	7	..	..	57	1
4	4	9	24	29	41	52	53	63	51	38	18	5	4	5	..
12	15	23	30	37	57	64	67	84	96	89	56	27	16	18	..
39	40	62	87	84	124	151	177	180	182	142	109	62	37	26	1
63	65	93	124	121	108	80	90	91	84	92	57	33	24	64	..
19	22	38	75	64	61	61	69	51	44	27	20	11	3	45	..
18	41	56	91	75	89	96	100	124	106	87	81	48	20	22	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	1	..	..	2	2	..	4	..	2	1	3	1	2	..	..
2	1	2	2	..	2	1	..	2	..	..	..	..	..	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	19	..
..	..	..	..	..	..	..	..	4	7	10	23	37	37	1	..
87	95	90	105	116	90	70	48	32	25	15	13	7	2	16	2
14	20	25	20	20	14	21	15	6	10	6	5	..	..	..	..
15	11	14	3	7	6	2	..	..	..	..	..	..	..	2	1
58	64	51	82	89	70	47	33	26	15	9	8	7	2	14	1
..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
463	541	711	898	803	793	729	729	717	665	540	409	247	149	328	6
453	530	521	577	516	535	587	623	697	723	626	505	335	262	280	..
916	1,071	1,232	1,475	1,319	1,328	1,316	1,352	1,414	1,388	1,166	914	582	411	598	6

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for the Year Ending December 31, 1907.

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.
19	11	10	9	9	5	..	4	2	..	..	..	1	..	3
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	..	..	1	1	..	..	..	1	1	1	..	..	..	1
..	..	..	..	..	1	..	..	..	1	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
5	1	..	..	..	..	..	..	..	..	..	..	..	..	..

Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
8. Whooping cough	80	42	26	6	2	1	77	3	..	..
9. Diphtheria and croup	282	24	50	53	34	28	189	76	9	..
10. Influenza	166	15	3	..	2	2	22	5	..	2
11. Miliary fever	..	..	..	..	..	..	..	..	..	..
12. Asiatic cholera	..	..	..	..	..	..	..	..	..	..
13 Cholera nostras	..	..	..	..	..	..	..	..	..	..
14. Dysentery	31	4	5	..	1	..	10	..	..	1
15. Plague	..	..	..	..	..	..	..	..	..	..
16. Yellow fever	..	..	..	..	..	..	..	..	..	..
17. Leprosy	..	..	..	..	..	..	..	..	..	..
18. Erysipelas	28	13	..	1	1	..	15	..	..	..
19. Other epidemic diseases	4	4	..	..	..	..	4	..	..	..
20. Pyemia, septicemia	8	..	..	2	..	..	2	1	..	1
21. Glanders	..	..	..	..	..	..	..	..	..	..
22. Malignant pustule	1	..	..	..	..	..	..	..	..	..
23. Hydrophobia	4	..	..	..	..	..	..	4	..	..
24. Actinomycosis	..	..	..	..	..	..	..	..	..	..
24a. Trichinosis	..	..	..	..	..	..	..	..	..	..
25. Pellagra	..	..	..	..	..	..	..	..	..	..
26. Tuberculosis of larynx	8	..	..	..	..	..	..	..	..	1
27. Tuberculosis of lungs	978	7	7	3	..	1	18	7	23	47
28. Tubercular meningitis	97	27	16	13	3	9	68	13	4	3
29. Abdominal tuberculosis	37	13	1	2	..	..	16	1	1	3
30. Pott's disease	9	..	..	..	..	1	1	1	..	1
31. Cold abscess	2	1	..	..	..	..	1	..	..	..
32. White swelling	4	1	..	..	..	..	1	..	1	..
33. Tuberculosis of other organs	6	1	..	..	..	..	1	1	..	..
34. General tuberculosis	18	5	4	1	1	..	11	..	1	2
35. Scrofula	..	..	..	..	..	..	..	..	..	..
36. Syphilis	28	20	2	..	..	..	22	..	..	1
37. Gonorrhea (adults)	1	..	..	..	..	..	..	..	..	..
38. Gonorrhea (children)	1	1	..	..	..	..	1	..	..	..
39. Cancers, etc., of the mouth	8	..	..	..	..	..	..	..	..	..
40. Cancer of stomach, liver	197	..	..	..	..	..	..	..	..	..
41. Cancer of intestines, rectum	75	..	..	..	..	..	..	..	..	..
42. Cancer of female genital organs	149	..	..	..	..	..	..	..	..	1
43. Cancer of the breast	87	..	..	..	..	..	..	..	..	..
44. Cancer of the skin	10	..	..	..	..	..	..	..	..	..

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.
..	..	..	..	..	..	..	..	..	..	..	..	..	4
1	..	1	1	1	..	..	..	..	..	..	..	..	1
3	5	6	9	12	5	12	16	14	19	13	13	6	7
..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	..	1	3	1	2	..	1	4	1	2	2	1	1
..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	1	1	..	1	..	2	1	1	..	3	..	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	2	..	..	1	..	..	..	1	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	.	..	..	..	..	1	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	..	2	..	..	..	1	..	..	..	1	..	..	..
166	149	117	101	60	29	24	21	11	9	2	..	1	39
2	3	..	..	..	..	..	..	1	..	..	..	..	3
1	1	4	3	1	2	1	..	..	..	..	..	..	3
..	2	2	..	..	..	..	..	..	1	1	..	..	1
..	..	..	..	..	..	..	1	..	..	..	..	..	..
..	..	..	..	1	..	..	..	1	..	..	..	..	..
..	2	..	..	1	..	1	..	..	..	..	..	..	..
..	..	1	..	..	..	..	..	..	..	..	..	..	1
..	..	..	..	..	..	..	..	..	..	..	..	..	1
..	2	..	2	1	..	..	..	..	..	..	..	..	..
..	..	..	..	..	1	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	1	..	1	..	1	2	1	1	..	1	..	..
3	7	4	14	18	32	29	32	26	18	9	4	..	..
2	4	2	2	8	10	10	14	14	4	3	1	..	1
..	5	9	24	22	20	22	16	15	8	4	2	1	3
1	7	8	6	12	10	13	10	6	6	5	1	2	3
..	1	1	..	1	..	3	..	2	..	..	2	..	..

Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
45. Cancer of other organs and unspecified	64	2	..	..	..	..	2	..	..	1
46. Other tumors (except of female genital organs)	5	..	..	..	..	..	..	..	..	..
47. Acute articular rheumatism	64	1	..	..	4	3	8	12	10	3
48. Chronic rheumatism and gout	15	..	..	..	..	..	..	..	..	..
49. Scurvy	6	5	..	..	..	..	5	..	..	1
50. Diabetes	136	1	..	..	..	1	2	3	3	1
51. Exophthalmic goitre	5	..	..	..	..	..	..	..	..	1
52. Addison's disease	..	..	..	..	..	..	..	..	..	..
53. Leukemia	5	..	..	..	..	..	..	..	..	1
54. Anemia, chlorosis	37	1	..	1	..	..	2	1	..	5
55. Other general diseases	..	..	..	..	..	..	..	..	..	..
56. Alcoholism, acute and chronic	20	..	..	..	..	..	..	..	..	..
57. Lead poisoning	..	..	..	..	..	..	..	..	..	..
58. Other chronic poisonings of occupation	..	..	..	..	..	..	..	..	..	..
59. Other chronic poisonings	..	..	..	..	..	..	..	..	..	..
II.—Diseases of Nervous System and Organs of Sense.										
60. Encephalitis	2	..	..	..	..	..	..	..	1	..
61. Simple meningitis	106	23	13	8	6	5	55	22	6	9
61a. (Of which) Cerebro-spinal meningitis	71	9	8	5	6	4	32	17	5	[illegible]
62. Locomotor ataxia	13	..	..	..	..	..	..	..	..	..
63. Other diseases of spinal cord	43	4	3	1	1	1	10	3	..	1
64. Apoplexy, congestion of brain	564	1	2	..	..	..	3	1	..	1
65. Softening of brain	6	..	..	..	..	..	..	..	..	..
66. Paralysis unspecified	35	..	..	..	..	1	1	..	..	1
67. General paresis	25	..	..	..	..	..	..	..	..	..
68. Other forms of insanity	6	..	..	..	..	..	..	..	..	1
69. Epilepsy	16	..	..	..	..	..	..	1	1	2
70. Convulsions (not puerperal)	..	..	..	..	..	..	..	..	..	..
71. Convulsions of infants	88	68	15	4	1	..	88	..	..	..
72. Tetanus, trismus	5	2	1	..	..	1	4	1	..	..
73. Chorea	..	..	..	..	..	..	..	..	..	..
74. Other nervous diseases	13	2	..	..	2	1	5	..	..	..
75. Diseases of the eyes	..	..	..	..	..	..	..	..	..	..
76. Diseases of the ears	15	3	..	2	..	..	5	..	..	1
III.—Diseases of Circulatory System.										
77. Pericarditis	12	..	2	..	1	..	3	1	2	1
78. Acute endocarditis	164	1	..	2	1	2	6	5	5	[illegible]

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.
1	1	6	2	4	8	11	5	6	10	3	4	..	..	..
..	..	..	1	..	1	1	..	1	1	..	..	..	..	..
1	3	4	1	1	3	1	3	3	2	4	5	..	..	1
..	..	..	1	..	2	1	2	1	4	1	1	..	2	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
1	5	2	3	5	9	11	22	20	28	12	6	2	1	2
..	..	1	1	..	1	..	..	1	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	1	..	..	1	1	..	..	..	1	..	..	..	..	..
2	1	2	1	4	1	5	4	4	1	2	..	1	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	1	3	4	4	4	1	..	1	..	1	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4	4	..	..	1	1	2	..	1	1	..	..	..	..	4
4	4	..	..	..	..	1	..	..	1	..	..	..	..	2
..	..	1	..	4	2	..	1	2	..	2	1	..	..	1
2	..	2	2	1	5	..	4	7	2	2	..	2	..	1
2	6	5	12	23	39	55	69	80	106	63	46	26	27	10
..	..	..	1	..	..	..	..	..	..	2	..	2	1	..
..	1	..	1	..	2	1	7	1	5	6	6	2	1	..
1	1	..	3	1	2	1	1	1	..	5	4	4	1	..
..	1	..	..	1	1	..	..	1	..	..	1	..	..	..
5	2	..	..	..	..	..	1	..	2	1	1	..	..	2
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	1	..	..	2	1	1	..	..	1	..	1	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	1	1	1	2	1	..	1	1	..	..	..	..	..	1
1	..	..	..	..	1	..	..	1	2	..	..	..	..	..
2	10	6	9	12	7	11	17	11	16	15	14	6	6	5

Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
79. Organic heart diseases	1,313	4	..	2	2	1	9	19	32	29
80. Angina pectoris	40	..	..	..	..	..	..	..	1	..
81. Diseases of arteries, aneurism, etc.	86	..	..	..	..	..	..	..	..	..
82. Embolism, thrombosis	38	1	..	1	..	..	2	..	1	..
83. Diseases of veins (hemorrhoids, varices, phlebitis, etc.)	5	..	..	..	..	..	..	..	..	..
84. Diseases of lymphatics (lymphangitis, etc.)	1	..	..	..	..	..	..	1	..	..
85. Hemorrhage	7	4	..	..	..	..	4	..	..	1
86. Other diseases of circulatory system	..	..	..	..	..	..	..	..	..	..
IV.—Diseases of Respiratory System.										
87. Diseases of nasal fossae	..	..	..	..	..	..	..	..	..	..
88. Diseases of the larynx	8	3	1	..	1	..	5	..	..	..
89. Diseases of thyroid glands	2	..	..	..	..	..	..	..	..	..
90. Acute bronchitis	264	148	44	11	3	2	208	6	3	..
91. Chronic bronchitis	96	4	3	..	..	..	7	..	..	2
92. Broncho-pneumonia	803	276	149	62	31	14	532	25	5	7
93. Pneumonia	933	100	65	34	17	13	229	36	18	20
94. Pleurisy	19	1	3	1	1	..	6	..	..	..
95. Congestion of lungs, pulmonary apoplexy	10	1	1	..	..	..	2	1	..	..
96. Gangrene of lung	1	..	..	..	..	..	..	..	..	..
97. Asthma	31	..	1	..	..	..	1	..	..	..
98. Pulmonary emphysema	3	..	..	..	..	..	..	..	..	..
99. Other diseases of respiratory system (phthisis excepted)	5	1	..	..	..	..	1	..	..	..
V.—Diseases of Digestive System.										
100. Diseases of mouth and adnexa	3	1	..	1	..	..	2	..	..	..
101. Diseases of pharynx	7	2	..	..	..	..	2	..	1	..
102. Diseases of esophagus	..	..	..	..	..	..	..	..	..	..
103. Ulcer of stomach	16	..	..	..	..	..	..	..	..	1
104. Other diseases of stomach (cancer excepted)	67	20	3	..	1	..	24	..	1	..
105. Diarrhea and enteritis (under two years)	1,066	892	174	..	..	..	1,066	..	..	..
(Of which) Chronic diarrhea	..	..	..	..	..	..	..	..	..	..
106. Diarrhea and enteritis (two years and over)	146	..	..	34	15	7	56	7	4	1
107. Intestinal parasites	..	..	..	..	..	..	..	..	..	..
108. Hernia, intestinal obstruction	88	6	2	2	1	..	11	3	..	1
109. Other diseases of intestines	32	19	1	..	..	..	20	1	1	..
110. Acute yellow atrophy of liver	1	..	..	..	..	..	..	..	1	..
111. Hydatid tumor of liver	..	..	..	..	..	..	..	..	..	..
112. Cirrhosis of liver	164	..	..	..	..	..	..	..	..	..

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
45	48	42	78	55	77	123	122	159	135	142	115	54	29	36	..
..	..	1	4	3	2	5	6	3	5	3	3	2	2	2	..
..	..	1	1	..	1	8	8	9	8	17	10	12	11	..	..
1	2	1	2	2	4	5	1	1	4	4	2	5	1	..	..
..	..	..	1	..	..	..	3	..	..	..	..	1	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	1	..	1	1	..	..	..	1	..
..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..
2	..	..	1	..	1	1	3	5	8	7	10	3	6	9	.
3	2	3	3	1	3	3	3	5	12	12	6	11	20	1	..
14	14	8	10	9	11	12	14	21	19	29	35	22	16	24	..
30	45	42	59	52	37	61	48	69	57	46	43	18	23	20	..
1	1	1	1	..	2	..	1	1	3	1	1	..	..	..	..
..	..	..	..	1	..	..	..	1	2	..	..	1	2	..	.
..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
..	..	1	1	..	1	1	4	6	8	1	2	3	2	1	..
..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	1	..	..	1	1	1	..	..	..	..	..
..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..
1	..	1	..	1	..	1	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	1	4	1	1	1	1	3	..	2	..	1	..	..	..	..
1	1	3	..	..	4	..	5	5	4	7	8	2	2	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	23	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	3	2	4	6	4	3	8	4	13	12	6	7	6	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	2	7	10	8	5	4	10	10	9	5	1	2	..	1	..
..	..	..	2	2	1	..	1	..	1	..	2	..	1	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	6	14	16	17	21	22	16	19	12	11	8	2	..	4	..

Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
113. Biliary calculi	14	..	..	..	..	..	..	..	..	..
114. Other diseases of liver	39	2	2	1	..	..	5	..	1	1
115. Diseases of spleen	..	..	..	..	..	..	..	..	..	..
116. Simple peritonitis (non-puerperal)	..	..	..	..	..	..	..	..	..	..
117. Other diseases of digestive system (except tuberculosis and cancer)	2	..	..	..	..	..	..	..	..	..
118. Appendicitis and iliac abscess	94	..	..	2	..	1	3	10	10	15
VI.—Diseases of Genito-urinary System.										
119. Acute nephritis	125	11	2	4	2	3	22	5	2	4
120. Bright's disease	829	7	1	1	3	3	14	5	3	10
121. Other diseases of kidneys and adnexa	9	..	..	..	..	..	..	..	..	1
122. Urinary calculus	4	..	..	..	..	..	..	..	..	..
123. Diseases of bladder	4	..	..	..	..	..	..	1	..	..
124. Diseases of urethra, urinary abscess, etc.	..	..	..	..	..	..	..	..	..	..
125. Diseases of the prostate	..	..	..	..	..	..	..	..	..	..
126. Non-venereal diseases of male genital organs	..	..	..	..	..	..	..	..	..	..
127. Metritis	3	..	..	..	..	..	..	..	..	..
128. Uterine hemorrhage (not puerperal)	..	..	..	..	..	..	..	..	..	..
129. Uterine tumor (not cancer)	24	..	..	..	..	..	..	..	..	..
130. Other diseases of uterus	11	..	..	..	..	..	..	..	..	..
131. Ovarian cysts and tumors	24	..	..	..	..	..	..	..	..	..
132. Other diseases of female genital organs	33	..	..	..	..	..	..	..	..	3
133. Diseases of breast (not puerperal, nor cancer)	1	..	..	..	..	..	..	..	..	..
VII.—Puerperal Diseases.										
134. Accidents of pregnancy	29	..	..	..	..	..	..	..	..	..
135. Puerperal hemorrhage	17	..	..	..	..	..	..	..	..	..
136. Other accidents of labor	29	..	..	..	..	..	..	..	..	2
137. Puerperal septicemia	134	..	..	..	..	..	..	..	1	7
138. Puerperal albuminuria and convulsions	65	..	..	..	..	..	..	..	1	6
139. Puerperal phlegmasia alba dolens	..	..	..	..	..	..	..	..	..	..
140. Other accidents of parturition, sudden death	16	..	..	..	..	..	..	..	..	1
141. Puerperal diseases of breast	..	..	..	..	..	..	..	..	..	..
VIII.—Diseases of Skin and Cellular Tissue.										
142. Gangrene	15	..	..	..	1	..	1	..	..	..
143. Carbuncle	..	..	..	..	..	..	..	..	..	..
144. Phlegmon, acute abscess	4	..	2	..	..	..	2	..	..	1
145. Other diseases of skin and adnexa	8	4	..	..	..	..	4	..	..	..

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.
..	1	2	1	..	1	1	1	4	2	..	..	1	..
3	2	1	2	3	2	4	2	4	4	1	..	3	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	1	..	..	..	..	..	..	..	1	..	..	..
12	8	6	6	7	2	..	3	1	1	..	..	1	2
15	12	9	5	10	10	3	5	8	2	2	1	1	1
36	31	60	57	62	80	76	76	92	83	68	40	15	11
2	1	..	..	..	..	3	1	..	1	..	..	..	..
1	..	1	..	1	..	..	1	..	..	..	..	..	..
..	..	..	..	..	..	..	..	1	1	1	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	1	..	..	1	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	3	6	2	5	2	1	2	1	..	..	1	..	1
1	1	2	..	1	1	1	2	..	..	..	..	..	..
4	1	5	3	5	2	..	1	1	1	..			1
5	4	3	9	3	..	..	..	..	..	..			1
1	..	..	..	..	..	..	..	..	..	..			..
7	7	8	2	..	..	..	..	..	..	..	..	..	1
6	4	2	3	..	..	..	..	..	..	..	..	..	..
11	2	6	6	..	..	..	..	..	..	..	..	..	2
26	35	24	1	1	..	..	..	..	..	..	..	..	2
22	11	12	3	4	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
4	4	2	1	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	1	..	1	1	3	1	5	2	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	1	..	..	2	1	..	..	..	..	..

Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
IX.—Diseases of Locomotory System.										
146. Diseases of bones (non-tuberculous)	21	6	4	..	1	1	12	2	1	1
147. Arthritis, other diseases of joints (except tuberculosis and rheumatism)	2	..	..	..	..	..	..	..	..	..
148. Amputation	..	..	..	..	..	..	..	..	..	..
149. Other diseases of organs of locomotion	..	..	..	..	..	..	..	..	..	..
X.—Malformations.										
150. Congenital malformations	108	103	2	3	..	..	108	..	..	..
XI.—Diseases of Infancy.										
151. Congenital debility, icterus and sclerema (of which)	427	427	..	..	..	..	427	..	..	..
151a. Injury during birth	48	48	..	..	..	..	48	..	..	..
152. Other diseases peculiar to infancy	41	41	..	..	..	..	41	..	..	..
153. Neglect	4	4	..	..	..	..	4	..	..	..
XII.—Diseases of Old Age.										
154. Senile debility	199	..	..	..	..	..	..	..	..	..
XIII.—External Causes.										
155. Suicide by poison	8	..	..	..	..	..	..	..	..	..
156. Suicide by asphyxia	14	..	..	..	..	..	..	..	..	1
157. Suicide by hanging or strangulation	8	..	..	..	..	..	..	..	..	..
158. Suicide by drowning	1	..	..	..	..	..	..	..	..	..
159. Suicide by firearms	5	..	..	..	..	..	..	..	..	..
160. Suicide by cutting instruments	2	..	..	..	..	..	..	..	..	..
161. Suicide by precipitation from height	1	..	..	..	..	..	..	..	..	..
162. Suicide by crushing	..	..	..	..	..	..	..	..	..	..
163. Suicide by other methods	..	..	..	..	..	..	..	..	..	..
164. Fractures	4	..	..	..	..	..	..	1	..	..
165. Dislocations	..	..	..	..	..	..	..	..	..	..
166. Other accidental injuries	122	5	6	12	7	8	38	12	4	1
167. Burn, by fire, scald	84	4	2	4	7	11	28	14	4	1
168. Burning by corrosive substances	..	..	..	..	..	..	..	..	..	..
169. Sunstroke	14	3	..	1	..	1	5	..	1	..
170. Freezing	..	..	..	..	..	..	..	..	..	..
171. Electrical shock	..	..	..	..	..	..	..	..	..	..
172. Accidental drowning	10	1	..	..	..	1	2	..	..	1
173. Inanition (starvation)	..	..	..	..	..	..	..	..	..	..
174. Inhalation of noxious gas, not suicidal	37	1	..	2	2	1	6	..	..	4
175. Other acute poisoning	20	3	..	1	..	1	5	2	1	1

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.
..	2	1	..	..	1	..	..	..	..	..	..	..	2
..	..	..	..	..	1	..	..	..	1	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	1
..	..	..	..	..	..	..	..	..	..	..	..	..	9
..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	1
..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	2	6	10	26	34	61	60	3
..	..	1	..	..	2	2	1	1	..	..	..	..	1
1	3	..	..	2	1	..	..	1	..	..	..	..	1
..	..	..	2	4	1	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	2	1	..	..	..	..	..	..	..	..	..	..	..
1	..	1	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	1	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	..	..	..	..	..	..	1	..	..	1	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	6	4	7	3	4	6	3	8	8	7	6	3	1
3	6	4	2	5	2	..	3	1	..	2	..	2	4
..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	1	..	1	..	3	1	1	..	1	..	1
..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	2	..	..	..	2	1	..	..	..	..	1	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	2	1	1	2	4	1	4	3	2	1	1	..	..
..	1	1	1	1	1	1	..	1	1	1	..	..	..

Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
176. Other external violence	31	4	..	..	..	..	4	2	..	2
(Of which) a. Homicide, by blows	..	..	..	..	..	..	..	..	..	..
b. Homicide, by sharp instruments	4	..	..	..	..	..	..	..	..	..
c. Homicide, by gunshot	10	..	..	..	..	..	..	1	..	1
d. Homicide, by poison	..	..	..	..	..	..	..	..	..	..
e. Homicide, by other methods	2	..	..	..	..	..	..	1	..	..
XIV.—Ill-defined or Not Specified Causes.										
177. Dropsy	..	..	..	..	..	..	..	..	..	..
178. Sudden death, not puerperal	..	..	..	..	..	..	..	..	..	..
179. Ill-defined causes	30	27	3	..	..	..	30	..	..	..
I. General diseases	3,069	224	184	115	91	76	690	183	75	145
a. Tuberculous diseases	1,159	55	28	19	4	11	117	23	30	107
b. Cancer	590	2	..	..	..	..	2	..	..	2
II. Diseases of nervous system and organs of sense	937	103	34	15	10	9	171	29	7	17
III. Diseases of circulatory system	1,666	10	2	5	4	3	24	26	41	37
IV. Diseases of respiratory system	2,175	534	267	108	53	29	991	68	26	29
V. Diseases of digestive system	1,740	942	182	41	17	8	1,190	21	19	18
VI. Diseases of genito-urinary system	1,067	18	3	5	4	6	36	11	6	18
VII. Puerperal diseases	290	..	..	..	..	..	..	..	2	16
VIII. Diseases of skin and cellular tissue	27	4	2	..	1	..	7	..	..	1
IX. Diseases of locomotory system	23	6	4	..	1	1	12	2	1	1
X. Malformations	108	103	2	3	..	..	108	..	..	..
XI. Diseases of infancy	472	472	..	..	..	..	472	..	..	..
XII. Diseases of old age	199	..	..	..	..	..	..	..	..	..
XIII. External causes	361	21	8	20	16	23	88	31	10	15
a. Suicide	39	..	..	..	..	..	..	..	..	4
b. Homicide	16	..	..	..	..	..	..	2	..	1
c. Accident	306	21	8	20	16	23	88	29	10	10
XIV. Causes ill-defined	30	27	3	..	..	..	30	..	..	..
Total females	12,164	2,464	691	312	197	155	3,819	371	187	207

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
6	6	2	..	1	1	..	..	..	..	..	..	..	..	..
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1	1	1	..	..	..	..	..	..	..	..	..	..	..	..
2	1	..	..	1	1	..	..	..	..	..	..	..	..	..
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207	217	186	194	177	143	160	154	145	92	59	30	16	78	..
170	157	126	104	63	31	27	22	13	10	4	..	1	47	..
7	30	27	50	70	83	83	80	74	40	25	11	3	7	..
16	10	20	33	55	60	85	94	116	82	59	37	31	20	..
60	51	95	73	92	152	157	184	170	182	144	80	49	43	..
62	55	76	65	58	78	75	109	111	98	97	58	69	56	..
28	42	43	45	46	36	48	44	50	42	28	13	14	33	..
66	53	87	76	87	96	84	88	103	88	71	42	16	15	..
76	63	54	16	1	..	..	..	..	..	..	..	..	9	..
..	..	..	..	1	1	..	3	2	3	1	5	2	..	..
..	2	1	..	..	2	..	..	..	1	..	..	..	2	..
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..	..	..	..	..	..	2	6	10	26	34	61	60	3	..
15	28	15	14	18	19	12	15	16	12	12	9	5	8	..
2	5	3	2	6	4	3	1	2	..	..	..	..	2	..
4	2	1	..	1	1	..	..	..	..	..	..	..	..	..
9	21	11	12	11	14	9	14	14	12	12	9	5	6	..
..	..	..	..	..	..	..	..	..	..	..	..	..	2	..
530	521	577	516	535	587	623	697	723	626	505	335	262	280	..

Deaths of Males by Age, and Cause of Death,

Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
I.—General Diseases.											
1. Typhoid fever	36	25	..	..	..	2	..	2	2	2	3
2. Typhus fever	..	.	..	..	..	..	..	..	..	..	..
3. Relapsing fever	..	..	..	..	..	..	..	..	..	..	..
4. Malarial fever	4	2	..	1	..	..	..	1	..	..	..
5. Smallpox	..	..	..	..	..	..	..	..	..	..	..
6. Measles	5	3	..	1	..	2	..	3	..	..	..
7. Scarlet fever	43	18	..	..	5	1	3	9	8	1	..
8. Whooping cough	23	9	4	2	1	1	..	8	1	..	..
9. Diphtheria and croup	96	56	4	5	7	14	6	36	15	4	..
10. Influenza	16	7	..	..	..	..	..	..	..	..	..
11. Miliary fever	..	..	..	..	..	..	..	..	..	..	..
12. Asiatic cholera	..	..	..	..	..	..	..	..	..	..	..
13. Cholera nostras	..	..	..	..	..	..	..	..	..	..	..
14. Dysentery	14	7	2	2	..	..	..	4	..	..	..
15. Plague	..	..	..	..	..	..	..	..	..	..	..
16. Yellow fever	..	..	..	..	..	..	..	..	..	..	..
17. Leprosy	..	..	..	..	..	..	..	..	..	..	..
18. Erysipelas	8	5	2	..	..	..	..	2	..	..	1
19. Other epidemic diseases	..	..	..	..	..	..	..	..	..	..	..
20. Pyemia, septicemia	2	2	..	..	..	..	..	..	..	..	..
21. Glanders	..	..	..	..	..	..	..	..	..	..	..
22. Malignant pustule	..	..	..	..	..	..	..	..	..	..	..
23. Hydrophobia	3	2	..	..	..	..	1	1	..	1	..
24. Actinomycosis	..	..	..	..	..	..	..	..	..	..	..
24a. Trichinosis	..	..	..	..	..	..	..	..	..	..	..
25. Pellagra	..	..	..	..	..	..	..	..	..	..	..
26. Tuberculosis of larynx	6	5	..	..	..	..	..	..	..	..	..
27. Tuberculosis of lungs	307	183	1	..	..	..	..	1	1	1	0
28. Tubercular meningitis	25	15	3	3	2	2	1	11	2	1	..
29. Abdominal tuberculosis	5	4	1	1	..	..	..	2	..	..	..
30. Pott's disease	4	2	..	..	..	..	1	1	..	..	..
31. Cold abscess	4	2	..	..	..	..	..	..	..	1	..
32. White swelling	2	2	..	..	..	..	..	..	..	1	..
33. Tuberculosis of other organs	3	1	..	1	..	..	..	1	..	..	..

UEENS.

or the Year Ending December 31, 1907.

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
3	1	3	2	3	..	2	..	1	..	..	..	1	..	2	..
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2	1	..	1	..	..	1	..	..	..	..	..	..	..	..	..
24	18	28	31	24	18	17	6	3	2	..	..	..	..	5	..
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Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
34. General tuberculosis...	..	..	..	..	..	..	..	..	..	..	..
35. Scrofula.....	..	..	..	..	..	..	..	..	..	..	..
36. Syphilis.....	6	6	3	..	..	..	..	3	..	..	..
37. Gonorrhea (adults)....	..	..	..	..	..	..	..	..	..	..	..
38. Gonorrhea (children)..	..	..	..	..	..	..	..	..	..	..	..
39. Cancers, etc., of the mouth.....	6	6	..	..	..	..	..	..	..	..	..
4. Cancer of stomach, liver.....	61	28	..	..	..	..	..	..	..	..	..
41. Cancer of intestines, rectum.....	10	3	..	..	..	..	..	..	..	..	..
42. Cancer of female genital organs.....	26	..	..	..	..	..	..	..	..	..	..
43. Cancer of the breast...	7	..	..	..	..	..	..	..	..	..	..
44. Cancer of the skin.....	2	..	..	..	..	..	..	..	..	..	..
45. Cancer of other organs and unspecified.....	14	6	..	..	..	..	..	..	..	1	..
46. Other tumors (except of female genital organs).....	..	..	..	..	..	..	..	..	..	..	..
47. Acute articular rheumatism.....	16	4	..	..	..	..	..	..	..	..	..
48. Chronic rheumatism and gout.....	..	..	..	..	..	..	..	..	..	..	..
49. Scurvy.....	1	1	..	1	..	..	..	1	..	..	..
5. Diabetes.....	35	18	..	..	..	..	..	..	1	..	2
51. Exophthalmic goitre ..	1	..	..	..	..	..	..	..	..	..	..
52. Addison's disease.....	1	1	..	..	..	..	..	..	..	..	..
53. Leukemia.....	2	..	..	..	..	..	..	..	..	..	..
54. Anemia, chlorosis.....	3	..	..	..	..	..	..	..	..	..	..
55. Other general diseases.	..	..	..	..	..	..	..	..	..	..	..
56. Alcoholism, acute and chronic.....	18	16	..	..	..	..	..	..	..	..	..
57. Lead poisoning	1	1	..	..	..	..	..	..	..	..	..
58. Other chronic poisoning: of occupation.	..	..	..	..	..	..	..	..	..	..	..
59. Other chronic poisonings.....	..	..	..	..	..	..	..	..	..	..	..
II.—Diseases of Nervous System and Organs of Sense.											
60. Encephalitis.....	2	1	..	..	..	..	..	..	..	..	..
61. Simple meningitis.....	53	26	4	2	..	3	..	9	3	..	1
61a. (Of which) cerebro-spinal meningitis..	19	10	1	1	..	1	..	3	2	..	1
62. Locomotor ataxia.....	5	4	..	..	..	..	..	..	..	..	..
63. Other diseases of spinal cord.....	6	1	..	..	..	..	..	..	..	..	..
64. Apoplexy, congestion of brain.....	98	45	..	..	..	..	..	..	..	..	..
65. Softening of brain.....	4	4	..	..	..	..	..	..	..	..	..
66. Paralysis unspecified ..	8	4	..	..	..	..	..	..	..	..	..

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
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..	2	1	..	3	3	2	3	4	4	3	2	..	1	..	..
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3	1	2	1	2	1	..	..	1	2	..	..	..	..	1	..
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Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
67. General paresis.....	14	10	..	..	..	..	..	..	..	..	..
68. Other forms of insanity.....	6	2	..	..	..	..	..	..	..	..	1
69. Epilepsy.....	8	4	..	..	..	..	..	..	1	2	..
70. Convulsions (not puerperal).....	..	..	..	..	..	..	..	..	..	..	..
71. Convulsions of infants.	24	10	8	2	..	..	..	10	..	.	..
72. Tetanus, trismus	4	3	2	..	..	..	..	2	1	..	..
73. Chorea	..	..	..	..	..	..	..	..	..	..	..
74. Other nervous diseases.	7	6	1	..	..	..	..	1	..	..	1
75. Diseases of the eyes...	..	..	..	..	..	..	..	..	..	..	..
76. Diseases of the ears....	2	..	..	..	..	..	..	..	..	..	..
III.—Diseases of Circulatory System.											
77. Pericarditis	..	..	..	..	..	..	..	..	..	..	..
78. Acute endocarditis.....	31	13	..	1	..	..	..	1	..	..	1
79. Organic heart diseases.	323	173	2	..	..	1	..	3	1	2	1
80. Angina pectoris.....	6	3	..	..	..	..	..	..	..	..	..
81. Diseases of arteries, aneurism, etc.....	76	42	..	..	..	..	..	..	..	..	..
82. Embolism, thrombosis.	8	5	..	..	..	..	..	..	..	..	..
83. Diseases of veins, (hemorrhoids, varices, phlebitis, etc.)	..	..	..	..	..	..	..	..	..	..	..
84. Diseases of lymphatics (lymphangitis, etc.).....	1	..	..	..	..	..	..	..	..	..	..
85. Hemorrhage.....	5	2	1	..	..	..	..	1	..	..	..
86. Other diseases of circulatory system....	..	..	..	..	..	..	..	..	..	..	..
IV.—Diseases of Respiratory System.											
87. Diseases of nasal fossae	1	1	..	..	1	..	..	1	..	..	..
88. Diseases of the larynx.	1	1	..	..	..	1	..	1	..	..	..
89. Diseases of thyroid gland.....	..	..	..	..	..	..	..	..	..	..	..
90. Acute bronchitis.....	81	45	26	2	1	1	..	30	2	..	..
91. Chronic bronchitis.....	17	10	..	..	1	..	..	1	..	..	..
92. Broncho-pneumonia....	269	141	61	28	16	2	2	109	3	..	1
93. Pneumonia	294	175	9	9	7	2	2	29	5	..	6
94. Pleurisy.....	11	7	..	..	..	..	..	..	..	..	..
95. Congestion of lungs, pulmonary apoplexy.....	1	..	..	..	..	..	..	..	..	..	..
96. Gangrene of lung.....	2	1	..	..	..	..	..	..	..	..	..
97. Asthma.....	3	2	..	..	..	..	..	..	..	..	..
98. Pulmonary emphysema	4	3	..	..	..	..	..	..	..	..	..
99. Other diseases of respiratory system (phthisis excepted)	3	2	..	..	..	..	..	..	..	.	..

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
1	1	1	1	4	1	1	..	..	..	..	..	..	..	..
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Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10
V.—Diseases of Digestive System.										
100. Diseases of mouth and adnexa.....	..	..	..	..	..	..	..	..	..	..
101. Diseases of pharynx..	2	1	..	..	..	..	..	..	..	..
102. Diseases of esophagus.....	..	..	..	..	..	..	..	..	..	..
103. Ulcer of stomach.....	9	6	..	..	..	..	..	..	..	..
104. Other diseases of stomach (cancer excepted).....	15	8	4	..	..	1	1	6	1	..
105. Diarrhea and enteritis (under 2 years)	378	210	181	29	..	..	..	210	..	..
(of which) chronic diarrhea	..	..	..	..	..	..	..	..	..	..
106. Diarrhea and enteritis (2 years and over).....	50	25	..	..	6	4	2	12	3	1
107. Intestinal parasites...	..	..	..	..		..	..	..	..	..
108. Hernia, intestinal obstruction.....	31	17	3	..	..	..	..	3	..	..
109. Other diseases of intestines.....	1	..	..	..	..	..	..	..	..	..
110. Acute yellow atrophy of liver.....	1	..	..	..	..	..	..	..	..	..
111. Hydatid tumor of liver	..	..	..	..	..	..	..	..	..	..
112. Cirrhosis of liver.....	40	27	..	..	..	..	..	..	..	..
113. Biliary calculi.....	1	..	..	..	..	..	..	..	..	..
114. Other diseases of liver	7	3	..	..	..	..	..	..	..	..
115. Diseases of spleen.....	1	..	..	..	..	..	..	..	..	..
116. Simple peritonitis (non-puerperal)	6	3	1	..	..	..	..	1	..	..
117. Other diseases of digestive system (except tuberculosis and cancer).....	..	..	..	..	..	..	..	..	..	..
118. Appendicitis and iliac abscess.....	31	19	..	..	..	..	..	..	1	4
VI.—Diseases of Genito-urinary System.										
119. Acute nephritis.....	52	27	..	..	..	..	..	..	1	..
120. Bright's disease.....	265	140	..	..	..	..	..	..	..	2
121. Other diseases of kidneys and adnexa..	1	1	..	..	..	..	..	..	..	..
122. Urinary calculus	..	..	..	..	..	..	..	..	..	..
123. Diseases of bladder...	4	3	..	..	..	..	..	..	..	..
124. Diseases of urethra, urinary abscess, etc.	..	..	..	..	..	..	..	..	..	..
125. Diseases of the prostate.....	..	..	..	..	..	..	..	..	..	..
126. Non-venereal diseases of male genital organs	..	..	..	..	..	..	..	..	..	..
127. Metritis	..	..	..	..	..	..	..	..	..	..
128. Uterine hemorrhage (not puerperal)...	..	..	..	..	..	..	..	..	..	..

0	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
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..	..	1	..	2	..	..	1	..	1	1	..	.	..	2	..
.	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..
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1	..	..	1	1	1	..	..	1	1	2	..	1	..	..	..
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..	1	1	1	6	6	2	1	3	3	1	1	1	..	..	..
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2	3	..	1	1	1	.	..	1	1	..	..	..	..	1	..
..	2	4	3	2	..	5	3	4	1	1	1		..	..	..
2	4	9	9	10	15	16	13	12	16	13	9	4	4	6	..
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Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10
129. Uterine tumor (not cancer)	3	..	..	..	..	..	..	..	..	..
130. Other diseases of uterus	..	..	..	..	..	..	..	..	..	..
131. Ovarian cysts and tumors	1	..	..	..	..	..	..	..	..	..
132. Other diseases of female genital organs	1	..	..	..	..	..	..	..	..	..
133. Diseases of breast (not puerperal, nor cancer)	..	..	..	..	..	..	..	..	..	..
VII.—Puerperal Diseases.										
134. Accidents of pregnancy	2	..	..	..	..	..	..	..	..	..
135. Puerperal hemorrhage	4	..	..	..	..	..	..	..	..	..
136. Other accidents of labor	2	..	..	..	..	..	..	..	..	..
137. Puerperal septicemia.	17	..	..	..	..	..	..	..	..	..
138. Puerperal albuminuria and convulsions	6	..	..	..	..	..	..	..	..	..
139. Puerperal phlegmasia alba dolens	..	..	..	..	..	..	..	..	..	..
140. Other accidents of parturition, sudden death	1	..	..	..	..	..	..	..	..	..
141. Puerperal diseases of breast	..	..	..	..	..	..	..	..	..	..
VIII.—Diseases of Skin and Cellular Tissue.										
142. Gangrene	6	4	..	..	..	..	..	..	..	..
143. Carbuncle	1	1	..	..	..	..	..	..	..	..
144. Phlegmon, acute abscess	1	1	1	..	..	..	..	1	..	..
145. Other diseases of skin and adnexa	3	1	..	..	..	..	..	..	..	..
IX.—Diseases of Locomotory System.										
146. Diseases of bones (non-tuberculous)	8	5	..	1	1	..	..	2	1	1
147. Arthritis, other diseases of joints (except tuberculosis and rheumatism)	..	..	..	..	..	..	..	..	..	..
148. Amputation	..	..	..	..	..	..	..	..	..	..
149. Other diseases of organs of locomotion	..	..	..	..	..	..	..	..	..	..
X.—Malformations.										
150. Congenital Malformations	20	12	11	..	..	1	..	12	..	
XI.—Diseases of Infancy.										
151. Congenital debility, icterus and sclerema	241	144	144	..	..	..	..	144	..	..
Of which—										
151a. Injury during birth	23	10	10	..	..	..	..	10	..	..
152. Other diseases peculiar to infancy	3	1	1	..	..	..	..	1	..	..
153. Neglect	..	..	..	..	..	..	..	.	..	..
XII.—Diseases of Old Age.										
154. Senile debility	57	19	..	..	..	..	..	..	..	..

0	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
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..	..	..	..	..	..	..	..	..	..	2	2	7	8	..	..

Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	
XIII.—External Causes.											
155. Suicide by poison.....	6	2	..	..	..	..	..	..	..	..	
156. Suicide by asphyxia..	5	2	..	..	..	..	..	..	..	..	
157. Suicide by hanging or strangulation ..	10	9	..	..	..	..	..	..	..	..	
158. Suicide by drowning..	..	..	..	..	..	..	..	..	..	..	
159. Suicide by firearms...	10	10	..	..	..	..	..	..	..	..	
160. Suicide by cutting instruments	2	1	..	..	..	..	..	..	..	..	
161. Suicide by precipitation from height...	1	..	..	..	..	..	..	..	..	..	
162. Suicide by crushing...	..	..	..	..	..	..	..	..	..	..	
163. Suicide by other methods.....	..	..	..	..	..	..	..	..	..	..	
164. Fractures.....	2	2	..	..	..	..	..	..	.	..	
165. Dislocations.....	..	..	..	..	..	..	..	..	..	..	
166. Other accidental injuries.....	159	132	2	..	..	..	1	3	11	6	1
167. Burn, by fire, scald...	27	16	..	2	1	1	..	4	1	..	1
168. Burning by corrosive substances....	..	..	..	..	..	..	..	..	..	..	
169. Sunstroke	6	4	..	..	..	..	..	..	..	..	
170. Freezing	2	2	..	..	..	..	..	.	..	..	
171. Electrical shock.....	10	9	..	..	..	..	..	..	..	1	1
172. Accidental drowning.	38	35	..	..	..	..	..	..	.	3	4
173. Inanition (starvation)	..	..	..	..	..	..	..	..	..	..	
174. Inhalation of noxious gas, not suicidal	22	16	..	..	..	..	..	..	..	1	1
175. Other acute poisoning.	5	3	..	..	..	..	..	..	1	..	
176. Other external violence.....	24	16	3	..	..	..	..	3	..	..	1
(of which) a. Homicide by blows	..	..	..	..	..	..	..	..	..	..	
b. Homicide by sharp instruments ...	2	1	..	..	..	..	..	..	..	..	
c. Homicide by gunshot	12	10	..	..	..	..	..	..	..	..	1
d. Homicide by poison	..	..	..	..	..	..	..	..	..	..	
e. Homicide by other methods.	..	..	..	..	..	..	..	..	..	..	
XIV.—Ill-defined or Not Specified Causes.											
177. Dropsy.....	..	..	..	..	..	..	..	..	..	..	
178. Sudden death, not puerperal.....	..	..	..	..	..	..	..	..	..	..	
179. Ill-defined causes.....	62	30	24	6	..	..	..	30	..	..	

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese
..	..	..	..	2	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
1	..	..	1	1	1	2	2	1	..	..	..	..	..	..
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2	1	..	1	2	..	..	..	3	..	..	..	..	..	..
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13	10	14	19	9	4	8	8	3	1	..	4	..	..	..
3	1	..	3	..	2	..	..	..	..	..	..	..	..	..
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..	..	..	..	..	..	2	1	1	..	..	..	..	1	..
..	..	..	..	1	..	..	..	1	..	..	..	..	..	..
..	1	1	1	1	..	..	..	..	..	..	..	..	..	..
3	2	3	1	8	6	2	..	1	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	1	1	1	2	1	1	1	2	1	..	..	..	..	..
..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
2	5	1	..	..	1	1	..	..	..	..	..	..	..	..
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..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
2	3	1	..	..	1	1	..	..	..	..	..	..	..	..
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Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
I.—General diseases...	816	440	20	17	15	22	12	86	30	13	15
a. Tuberculous diseases...	356	214	5	5	2	2	2	16	3	4	9
b. Cancer.....	126	43	..	..	..	..	..	..	..	1	..
II.—Diseases of nervous system and organs of sense..	241	120	15	4	..	3	..	22	5	2	3
III.—Diseases of circulatory system..	450	238	3	1	..	1	..	5	1	2	4
IV.—Diseases of respiratory system..	687	388	96	39	26	6	4	171	10	..	8
V.—Diseases of digestive system...	573	319	189	29	6	5	3	232	5	5	6
VI.—Diseases of genito-urinary system	327	171	..	..	..	..	..	..	1	2	2
VII.—Puerperal diseases.	32	..	..	..	..	..	..	..	..	..	..
VIII.—Diseases of skin and cellular tissue.....	11	7	1	..	..	..	..	1	..	..	..
IX.—Diseases of locomotory system...	8	5	..	1	1	..	..	2	1	1	..
X.—Malformations.....	20	12	11	..	..	1	..	12	..	..	..
XI.—Diseases of infancy	244	145	145	..	..	..	..	145	..	..	..
XII.—Diseases of old age	57	19	..	..	..	..	..	..	..	..	..
XIII.—External causes...	329	259	5	2	1	1	1	10	13	11	16
a. Suicide	34	24	..	..	..	..	..	..	..	..	1
b. Homicide.....	14	11	..	..	..	..	..	..	..	..	1
c. Accident.....	281	224	5	2	1	1	1	10	13	11	14
XIV.—Causes ill-defined..	62	30	24	6	..	..	..	30	..	..	..
Total males.....	....	2,153	509	99	49	30	20	716	66	36	54
" females.....	....	1,704	427	76	30	21	19	573	64	27	34
" both sexes..	....	3,857	936	175	79	60	39	1,289	130	63	88

BOROUGH OF

Deaths of Females by Age, and Cause of Death,

Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total. Under 5.	5	10	15
I.—General Diseases.										
1. Typhoid fever.....	11	..	..	..	..	1	1	1	1	3
2. Typhus fever.....	..	..	..	..	..	..	..	..	..	..
3. Relapsing fever.....	..	..	..	..	..	..	..	..	..	..
4. Malarial fever.....	2	..	..	..	..	..	..	1	..	..
5. Small-pox	..	..	..	..	..	..	..	..	..	..
6. Measles	2	..	2	..	..	..	2	..	..	..

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
30	25	37	41	39	28	31	15	18	12	10	3	5	2	12	..
26	20	29	33	24	19	20	6	3	2	..	..	..	..	8	..
1	2	1	..	5	6	4	4	6	6	4	2	..	1	..	..
6	4	6	8	3	7	10	6	12	10	4	4	5	3	1	..
6	7	13	9	13	24	15	18	37	29	21	18	12	4	6	..
12	10	19	19	19	15	23	11	16	16	19	8	8	4	17	..
4	4	3	7	11	11	5	2	5	6	7	3	3	..	6	..
2	6	13	12	12	15	21	16	17	18	1	10	4	4	7	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	2	..	..	..	..	..	3	..	1	1	..
..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	..
..	..	..	..	..	..	..	..	..	..	2	2	7	8	..	..
23	26	24	20	27	27	15	16	13	12	2	..	4	..	1	..
1	3	2	..	2	5	1	2	3	4	..	..	..	..	..	..
1	2	4	1	..	..	1	1	..	..	..	..	..	..	..	..
21	21	18	19	25	22	13	13	10	8	2	..	4	..	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
83	82	115	116	124	130	120	84	118	103	81	51	48	26	57	..
51	69	72	68	84	69	79	78	98	86	94	80	47	31	51	..
134	151	187	184	208	199	199	162	216	189	175	131	95	57	108	..

QUEENS.

for Year Ending December 31, 1907.

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.
1	1	..	2	..	1	..	..	..	..	..	..	..	..	..
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Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
7. Scarlet fever	25	1	..	3	3	3	10	11	4	..
8. Whooping cough	14	9	3	2	..	..	14	..	..	..
9. Diphtheria and croup	40	1	7	5	4	3	20	14	5	..
10. Influenza	9	..	..	1	..	..	1	1	..	..
11. Miliary fever	..	..	..	..	..	..	..	..	..	..
12. Asiatic cholera	..	..	..	..	..	..	..	..	..	..
13. Cholera nostras	..	..	..	..	..	..	..	..	..	..
14. Dysentery	7	1	..	..	..	..	1	..	..	..
15. Plague	..	..	..	..	..	..	..	..	..	..
16. Yellow fever	..	..	..	..	..	..	..	..	..	..
17. Leprosy	..	..	..	..	..	..	..	..	..	..
18. Erysipelas	3	2	..	..	..	..	2	..	..	..
19. Other epidemic diseases	..	.	..	..	..	..	..	..	..	..
20 Pyemia, septicemia	..	..	..	..	..	..	..	..	..	..
21. Glanders	..	..	..	..	..	..	..	..	..	..
22. Malignant pustule	..	..	..	..	..	..	..	..	..	..
23. Hydrophobia	1	..	..	..	..	..	.	..	..	..
24. Actinomycosis	..	..	..	..	..	..	..	..	..	..
24a. Trichinosis	..	..	..	..	..	..	..	..	..	..
25. Pellagra	..	..	..	..	..	..	..	..	..	..
26. Tuberculosis of larynx	1	..	..	..	..	..	..	..	..	..
27. Tuberculosis of lungs	124	1	..	..	.	..	1	1	3	10
28. Tubercular meningitis	10	4	2	2	1	..	9	..	1	..
29. Abdominal tuberculosis	1	..	..	..	..	..	..	..	..	..
30. Pott's disease	2	..	..	..	..	..	..	..	..	1
31. Cold abscess	2	..	..	..	..	..	..	..	..	..
32. White swelling	..	..	..	..	..	..	..	..	..	..
33. Tuberculosis of other organs	2	..	..	..	..	..	..	..	..	..
34. General tuberculosis	..	..	..	..	..	..	..	..	..	..
35. Scrofula	..	..	..	..	..	..	..	..	..	..
36. Syphilis	..	..	..	..	..	..	..	..	..	..
37. Gonorrhea (adults)	..	..	..	..	..	..	..	..	..	..
38. Gonorrhea (children)	..	..	..	..	..	..	..	..	..	..
39. Cancers, etc., of the mouth	..	..	..	..	..	..	..	..	..	..
40. Cancer of stomach, liver	33	..	..	..	..	..	..	..	..	..
41. Cancer of intestines, rectum	7	..	..	..	..	..	..	..	..	..
42. Cancer of female genital organs	26	..	..	..	..	..	..	..	..	..
43. Cancer of the breast	7	..	..	..	..	..	..	..	..	..

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.
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Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
44. Cancer of the skin	2	..	..	..	..	..	..	..	..	..
45. Cancer of other organs and unspecified	8	..	..	..	..	..	..	..	..	..
46. Other tumors (except of female genital organs)	..	..	..	..	..	..	..	..	..	..
47. Acute articular rheumatism	12	..	..	..	..	1	1	1	2	1
48. Chronic rheumatism and gout	..	..	..	..	..	..	..	..	..	..
49. Scurvy	..	..	..	..	..	..	..	..	..	..
50. Diabetes	17	..	..	..	..	..	..	..	..	..
51. Exophthalmic goitre	1	..	..	..	..	..	..	..	..	..
52. Addison's disease	..	..	..	..	..	..	..	..	..	..
53. Leukemia	2	..	..	..	..	..	..	..	..	1
54. Anemia, chlorosis	3	..	..	..	..	..	..	..	..	1
55. Other general diseases	..	..	..	..	..	..	..	..	..	..
56. Alcoholism, acute and chronic	2	..	..	..	..	..	..	..	..	..
57. Lead poisoning	..	..	..	..	..	..	..	..	..	..
58. Other chronic poisonings of occupation	..	..	..	..	..	..	..	..	..	..
59. Other chronic poisonings		..	..	..	..	..	..	..	..	..
II.—Diseases of Nervous System and Organs of Sense.										
60. Encephalitis	1	..	..	1	..	..	1	..	..	..
61. Simple meningitis	27	2	2	4	2	3	13	7	1	1
61a. (Of which) cerebro-spinal meningitis	9	.	..	1	2	2	5	3	..	..
62. Locomotor ataxia	1	..	..	..	..	..	..	..	..	..
63. Other diseases of spinal cord	5	..	..	..	..	..	..	..	..	..
64. Apoplexy, congestion of brain	53	..	..	..	..	..	..	..	.	..
65. Softening of brain	..	..	..	..	..	..	..	..	..	..
66. Paralysis, unspecified	4	..	..	..	..	..	..	..	..	..
67. General paresis	4	..	..	..	..	..	..	..	..	..
68. Other forms of insanity	4	..	..	..	..	..	..	..	..	..
69. Epilepsy	4	..	..	..	..	..	..	..	..	..
70. Convulsions (not puerperal)	..	..	..	..	..	..	..	..	..	..
71. Convulsions of infants	14	13	1	..	..	..	14	..	..	..
72. Tetanus, trismus	1	..	..	..	..	..	..	..	..	1
73. Chorea	..	..	..	..	..	..	..	..	.	..
74. Other nervous diseases	1	..	..	..	..	..	..	..	.	..
75. Diseases of the eyes	..	..	..	..	..	..	..	..	..	..
76. Diseases of the ears	2	2	..	..	..	..	2	..	..	..

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.
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Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
III.—Diseases of Circulatory System.										
77. Pericarditis	..	..	..	..	..	..	..	..	..	..
78. Acute endocarditis	18	1	..	..	..	..	1	1	1	1
79. Organic heart diseases	150	2	..	..	..	..	2	3	..	4
80. Angina pectoris	3	..	..	..	..	..	..	..	..	..
81. Diseases of arteries, aneurism, etc	34	..	..	..	..	..	..	..	..	..
82. Embolism, thrombosis	3	..	..	..	..	..	..	.	..	..
83. Diseases of veins (hemorrhoids, varices, phlebitis, etc.)	.	..	..	..	..	..	..	..	..	..
84. Diseases of lymphatics (lymphangitis, etc.)	1	1	..	..	..	..	1	..	..	..
85. Hemorrhage	3	2	.	..	..	..	2	..	..	..
86. Other diseases of circulatory system	..	..	..	..	..	..	..	..	..	..
IV.—Diseases of Respiratory System.										
87. Diseases of nasal fossae	..	..	..	..	..	..	..	..	..	..
88. Diseases of the larynx	..	..	..	..	..	..	..	..	..	..
89. Diseases of thyroid gland	..	..	..	..	..	..	..	..	..	..
90. Acute bronchitis	36	22	3	..	2	..	27	..	..	..
91. Chronic bronchitis	7	..	..	..	1	..	1	..	..	..
92. Broncho-pneumonia	128	51	20	5	3	1	80	4	1	..
93. Pneumonia	119	20	5	2	1	3	31	3	1	1
94. Pleurisy	4	..	..	..	..	..	..	1	..	..
95. Congestion of lungs, pulmonary apoplexy	1	..	..	..	..	..	..	..	..	..
96. Gangrene of lung	1	..	..	..	..	..	..	..	..	..
97. Asthma	1	..	..	..	..	..	..	..	..	..
98. Pulmonary emphysema	1	..	..	..	..	..	..	..	..	..
99. Other diseases of respiratory system (phthisis excepted)	1	..	..	..	..	..	..	..	..	..
V.—Diseases of Digestive System.										
100. Diseases of mouth and adnexa	..	..	..	..	..	..	..	..	..	..
101. Diseases of pharynx	1	..	..	..	..	..	..	..	..	..
102. Diseases of esophagus	..	..	..	..	..	..	..	..	..	..
103. Ulcer of stomach	3	..	..	..	..	..	..	..	..	..
104. Other diseases of stomach (cancer excepted)	7	1	..	..	..	..	1	1	..	..
105. Diarrhea and enteritis (under two years)	168	143	25	..	..	..	168	..	..	..
(Of which) chronic diarrhea	..	..	..	..	..	..	..	..	..	..
106. Diarrhea and enteritis (two years and over)	25	..	..	3	..	1	4	2	1	1
107. Intestinal parasites	..	..	..	..	..	..	..	..	..	..
108. Hernia, intestinal obstruction	14	3	..	1	..	..	4	..	..	..
109. Other diseases of intestines	1	1	..	..	..	..	1	..	..	..

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
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Cause of Death.	All ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
110. Acute yellow atrophy of liver...	1	..	..	..	..	..	..	..	..	..
111. Hydatid tumor of liver.....	..	..	..	..	..	..	..	..	..	..
112. Cirrhosis of liver.....	13	..	..	..	..	..	..	..	..	..
113. Biliary calculi.....	1	..	..	..	..	..	..	..	..	..
114. Other diseases of liver.....	4	..	..	..	1	..	1	..	..	..
115. Diseases of spleen.....	1	..	..	..	..	..	..	..	..	..
116. Simple peritonitis (non-puerperal)	3	..	..	..	..	..	..	..	..	..
117. Other diseases of digestive system (except tuberculosis and cancer).....	..	..	..	..	..	..	..	..	..	..
118. Appendicitis and iliac abscess..	12	..	..	..	..	..	..	2	1	1
VI.—Diseases of Genito-urinary System.										
119. Acute nephritis.....	25	2	..	..	..	2	4	1	1	..
120. Bright's disease.....	125	..	..	..	..	..	..	1	..	1
121. Other diseases of kidneys and adnexa.....	..	..	..	..	..	..	..	..	..	..
122. Urinary calculus.....	..	..	..	..	..	..	..	..	..	..
123. Diseases of bladder.....	1	..	..	..	..	..	..	..	..	..
124. Diseases of urethra, urinary abscess, etc.....	..	..	..	..	..	..	..	..	..	..
125. Diseases of the prostate.....	..	..	..	..	..	..	..	..	..	..
126. Non-venereal diseases of male genital organs.....	..	..	..	..	..	..	..	..	..	..
127. Metritis	..	..	..	..	..	..	..	..	..	..
128. Uterine hemorrhage (not puerperal).....	..	..	..	..	..	..	..	..	..	..
129. Uterine tumor (not cancer).....	3	..	..	..	..	..	..	..	..	..
130. Other diseases of uterus.....	..	..	..	..	..	..	..	..	..	..
131. Ovarian cysts and tumors	1	..	..	..	..	..	..	..	..	..
132. Other diseases of female genital organs.....	1	..	..	..	..	..	..	..	..	..
133. Diseases of breast (not puerperal, nor cancer).....	..	..	..	..	..	..	..	..	..	..
VII.—Puerperal Diseases.										
134. Accidents of pregnancy.....	2	..	..	..	..	..	..	..	..	..
135. Puerperal hemorrhage.....	4	..	..	..	..	..	..	..	..	..
136. Other accidents of labor.....	2	..	..	..	..	..	..	..	..	..
137. Puerperal septicemia.....	17	..	..	..	..	..	..	..	..	1
138. Puerperal albuminuria and convulsions.....	6	..	..	..	..	..	..	..	..	..
139. Puerperal phlegmasia alba dolens	..	..	..	..	..	..	..	..	..	..
140. Other accidents of parturition, sudden death.....	1	..	..	..	..	..	..	..	..	..
141. Puerperal diseases of breast....	..	..	..	..	..	..	..	..	..	..

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.
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Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10
VIII.—Diseases of Skin and Cellular Tissue.									
142. Gangrene	2	..	..	..	..	..	..	..	..
143. Carbuncle	..	..	..	..	..	..	..	..	..
144. Phlegmon, acute abscess	..	..	..	..	..	..	..	..	..
145. Other diseases of skin and adnexa	2	1	..	..	..	..	1	..	..
IX.—Diseases of Locomotory System									
146. Diseases of bones (non-tuberculous)	3	2	..	..	..	..	2	..	1
147. Arthritis, other diseases of joints (except tuberculosis and rheumatism)	..	..	..	..	..	..	..	..	..
148. Amputation	..	..	..	..	..	..	..	..	..
149. Other diseases of organs of locomotion.	..	..	..	..	..	..	..	..	..
X.—Malformations.									
150. Congenital malformations	8	7	1	..	..	..	8	..	..
XI.—Diseases of Infancy.									
151. Congenital debility, icterus and sclerema (of which)	97	97	..	..	..	..	97	..	..
151a. Injury during birth.	13	13	..	..	..	..	13	..	..
152. Other diseases peculiar to infancy	2	2	..	..	..	..	2	..	..
153. Neglect	..	..	..	..	..	..	..	..	..
XII.—Diseases of Old Age.									
154. Senile debility	38	..	..	..	..	..	..	..	..
XIII.—External Causes.									
155. Suicide by poison	4	..	..	..	..	..	..	..	..
156. Suicide by asphyxia	3	..	..	..	..	..	..	..	..
157. Suicide by hanging or strangulation	1	..	..	..	..	..	..	..	..
158. Suicide by drowning	..	..	..	..	..	..	..	..	..
159. Suicide by firearms	..	..	..	..	..	..	..	..	..
160. Suicide by cutting instruments	1	..	..	..	..	..	..	..	..
161. Suicide by precipitation from height	1	..	..	..	..	..	..	..	..
162. Suicide by crushing	..	..	..	..	..	..	..	..	..
163. Suicide by other methods	..	..	..	..	..	..	..	..	..
164. Fractures	..	..	..	..	..	..	..	..	..
165. Dislocations	..	..	..	..	..	..	..	..	..
166. Other accidental injuries	27	..	1	..	2	..	3	2	2
167. Burn, by fire, scald	11	..	1	..	1	1	3	6	1
168. Burning by corrosive substances	..	..	..	..	..	..	..	..	..
169. Sunstroke	2	..	..	..	..	..	..	..	..
170. Freezing	..	..	..	..	..	..	..	..	..

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.
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Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	M
171. Electrical shock	1	..	..	..	..	..	..	..	..	
172. Accidental drowning	3	..	..	..	..	..	..	..	..	
173. Inanition (starvation)	..	..	..	..	..	..	..	..	..	
174. Inhalation of noxious gas, not suicidal	6	..	..	..	..	..	..	..	..	
175. Other acute poisoning	2	1	..	..	..	..	1	..	..	
176. Other external violence	8	4	..	..	..	..	4	..	..	
(Of which) a. Homicide, by blows	..	..	..	..	..	..	..	..	..	
b. Homicide, by sharp instruments	1	..	..	..	..	..	..	..	..	
c. Homicide, by gunshot	2	..	..	..	..	..	..	..	..	
d. Homicide, by poison	..	..	..	..	..	..	..	..	..	
e. Homicide, by other methods	..	..	..	..	..	..	..	..	..	
XIV.—Ill-defined or not Specified Causes.										
177. Dropsy	..	..	..	..	..	..	..	..	..	
178. Sudden death, not puerperal	..	..	..	..	..	..	..	..	..	
179. Ill-defined causes	32	28	3	1	..	..	32	..	..	
I.—General diseases	376	19	14	13	8	8	62	30	16	
a. Tuberculous diseases	142	5	2	2	1	..	10	1	4	
b. Cancer	83	..	..	..	..	..	..	..	..	
II.—Diseases of nervous system and organs of sense	121	17	3	5	2	3	30	7	1	
III.—Diseases of circulatory system	212	6	..	..	..	..	6	4	1	
IV.—Diseases of respiratory system	299	93	28	7	7	4	139	8	2	
V.—Diseases of digestive system	254	148	25	4	1	1	179	5	2	
VI.—Diseases of genito-urinary system	156	2	..	..	..	2	4	2	1	
VII.—Puerperal diseases	32	..	..	..	..	..	..	..	..	
VIII.—Diseases of the skin and cellular tissue	4	1	..	..	..	..	1	..	..	
IX.—Diseases of locomotory system	3	2	..	..	..	..	2	..	1	
X.—Malformations	8	7	1	..	..	..	8	..	..	
XI.—Diseases of infancy	99	99	..	..	..	..	99	..	..	
XII.—Diseases of old age	38	..	..	..	..	..	..	..	..	
XIII.—External causes	70	5	2	..	3	1	11	8	3	
a. Suicide	10	..	..	..	..	..	..	..	..	
b. Homicide	3	..	..	..	..	..	..	..	..	
c. Accident	57	5	2	..	3	1	11	8	3	
XIV.—Causes ill-defined	32	28	3	1	..	..	32	..	..	
Total females	1,704	427	76	30	21	19	573	64	27	

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
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25	28	26	21	34	19	20	12	21	17	13	8	5	1	11	..
22	23	22	11	19	5	4	3	3	1	2	..	1	..	6	..
..	3	1	7	9	11	11	7	11	9	7	5	2	..	..	..
..	2	2	2	8	9	2	8	9	9	12	10	5	3	2	..
7	7	3	8	10	8	24	25	25	25	26	13	12	3	5	..
3	5	13	6	9	10	4	11	17	12	18	22	8	11	9	..
2	7	10	5	4	4	4	5	6	5	6	6	1	1	6	..
4	8	9	17	11	12	18	16	15	14	8	10	4	2	9	..
6	9	7	5	4	..	..	..	..	..	..	..	..	..	3	..
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51	69	72	68	84	69	79	78	98	86	94	80	47	31	51	..

Deaths of Males by Age, and Cause of Death.

Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
I.—General Diseases.											
1. Typhoid fever	13	12	..	..	..	..	..	..	..	..	1
2. Typhus fever	..	..	..	..	..	..	..	..	..	..	..
3. Relapsing fever	..	..	..	..	..	..	..	..	..	..	..
4. Malarial fever	2	2	..	..	..	..	..	..	..	..	..
5. Small-pox	..	..	..	..	..	..	..	..	..	..	..
6. Measles	5	3	..	2	1	..	..	3	..	..	..
7. Scarlet fever	11	3	..	..	..	1	1	2	..	..	..
8. Whooping cough	15	6	4	2	..	..	..	6	..	..	..
9. Diphtheria and croup	26	15	..	3	3	1	3	10	2	2	..
10. Influenza	3	1	..	..	..	..	..	..	..	..	..
11. Miliary fever	..	..	..	..	..	..	..	..	..	..	..
12. Asiatic cholera	..	..	..	..	..	..	..	..	..	..	..
13. Cholera nostras	..	..	..	..	..	..	..	..	..	..	..
14. Dysentery	2	1	..	1	..	..	..	1	..	..	..
15. Plague	..	..	..	..	..	..	..	..	..	..	..
16. Yellow fever	..	..	..	..	..	..	..	..	..	..	..
17. Leprosy	..	..	..	..	..	..	..	..	..	..	..
18. Erysipelas	4	3	1	..	..	..	..	1	..	..	..
19. Other epidemic diseases	..	..	..	..	..	..	..	..	..	..	..
20. Pyemia, septicemia	1	1	1	..	..	..	..	1	..	..	..
21. Glanders	..	..	..	..	..	..	..	..	..	..	..
22. Malignant pustule	..	..	..	..	..	..	..	..	..	..	..
23. Hydrophobia	..	..	..	..	..	..	..	..	..	..	..
24. Actinomycosis	..	..	..	..	..	..	..	..	..	..	..
24a. Trichinosis	..	..	..	..	..	..	..	..	..	..	..
25. Pellagra	..	..	..	..	..	..	..	..	..	..	..
26. Tuberculosis of larynx	3	3	..	..	..	..	..	..	..	..	..
27. Tuberculosis of lungs	147	111	3	1	..	..	..	4	..	1	3
28. Tubercular meningitis	15	12	7	1	..	..	..	8	..	2	1
29. Abdominal tuberculosis	1	..	..	..	..	..	..	..	..	..	..
30. Pott's disease	1	1	..	..	..	..	..	..	..	..	..
31. Cold abscess	..	..	..	..	..	..	..	..	..	..	..
32. White swelling	1	..	..	..	..	..	..	..	..	..	..
33. Tuberculosis of other organs	..	..	..	..	..	..	..	..	..	..	..

ND.

r ending December 31, 1907.

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
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Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10
34. General tuberculosis...	..	..	..	..	..	..	..	..	..	..
35. Scrofula.....	..	..	..	..	..	..	..	..	..	..
36. Syphilis.....	5	3	..	1	..	..	..	1	..	..
37. Gonorrhea (adults).....	..	..	..	..	..	..	..	..	..	..
38. Gonorrhea (children) ..	..	..	..	..	..	..	..	..	..	..
39. Cancers, etc., of the mouth.....	..	..	..	..	..	..	..	..	..	..
40. Cancer of stomach, liver.....	20	11	..	..	..	..	..	..	..	..
41. Cancer of intestines, rectum.....	14	8	..	..	..	..	..	..	..	..
42. Cancer of female genital organs.....	12	..	..	..	..	..	..	..	..	..
43. Cancer of the breast...	8	..	..	..	..	..	..	..	..	..
44 Cancer of the skin.....	..	..	..	..	..	..	..	..	..	..
45. Cancer of other organs and unspecified	22	18	..	..	..	..	..	..	..	1
46. Other tumors (except of female genital organs)	1	..	..	..	..	..	..	..	..	..
47. Acute articular rheumatism.....	14	9	..	..	..	..	..	..	1	1
48. Chronic rheumatism and gout.....	1	1	..	..	..	..	..	..	..	..
49. Scurvy.....	1	1	1	..	..	..	..	1	..	..
50. Diabetes.....	12	3	..	..	..	..	..	..	..	..
51. Exophthalmic goitre ..	..	..	..	..	..	..	..	..	..	..
52. Addison's disease.....	4	3	..	..	..	..	..	..	..	..
53. Leukemia	..	..	..	..	..	..	..	..	..	..
54. Anemia, chlorosis.....	2	..	..	..	..	..	..	..	..	..
55. Other general diseases.	..	..	..	..	..	..	..	..	..	..
56. Alcoholism, acute and chronic.....	8	8	..	..	..	..	..	..	..	..
57. Lead poisoning.....	1	1	..	..	..	..	..	..	..	..
58. Other chronic poisonings of occupation.	..	..	..	..	..	..	..	..	..	..
59. Other chronic poisonings	..	..	..	..	..	..	..	..	..	..
II.—Diseases of Nervous System and Organs of Sense.										
60. Encephalitis.....	..	..	..	..	..	..	..	..	..	..
61. Simple meningitis.....	17	11	4	1	..	..	..	5	2	..
61a. (of which) Cerebro-spinal meningitis.	7	5	1	1	..	..	..	2	2	..
62. Locomotor ataxia.....	2	2	..	..	..	..	..	..	..	..
63. Other diseases of spinal cord.....	6	3	..	..	..	..	..	..	1	..
64. Apoplexy, congestion of brain.....	73	43	1	..	..	..	..	1	..	..
65. Softening of brain.....	1	1	..	..	..	..	..	..	..	..
66. Paralysis, unspecified..	5	4	..	..	..	..	..	..	..	..

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
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Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
67. General paresis.....	3	3	..	..	..	..	..	..	..	..	
68. Other forms of insanity	1	1	..	..	..	..	..	..	..	..	
69. Epilepsy.....	4	3	..	..	..	..	..	..	..	..	
70. Convulsions (not puerperal).....	..	..	..	..	..	..	..	..	..	..	
71. Convulsions of infants.	8	6	4	1	..	1	..	6	..	..	
72. Tetanus, trismus.....	1	1	1	..	..	..	..	1	..	..	
73. Chorea	..	..	..	..	..	..	..	..	..	..	
74. Other nervous diseases	1	1	..	..	..	..	..	..	..	..	
75. Diseases of the eyes..	..	..	..	..	..	..	..	..	..	..	
76. Diseases of the ears....	4	1	1	..	..	..	..	1	..	..	
III.—Diseases of Circulatory System.											
77. Pericarditis.....	3	3	..	..	..	..	..	..	..	..	
78. Acute endocarditis.....	4	3	..	..	..	..	..	..	1	..	
79. Organic heart diseases.	147	98	..	..	..	..	..	..	1	1	
80. Angina pectoris.....	1	..	..	..	..	..	..	..	..	..	
81. Diseases of arteries, aneurism, etc.....	14	13	..	..	..	..	..	..	..	..	
82. Embolism, thrombosis.	3	1	..	..	..	..	..	..	..	..	
83. Diseases of veins (hemorrhoids, varices, phlebitis, etc.)	1	..	..	..	..	..	..	..	..	..	
84. Diseases of lymphatics (lymphangitis, etc.).....	..	..	..	..	..	..	..	..	..	..	
85. Hemorrhage	..	..	..	..	..	..	..	..	..	..	
86. Other diseases of circulatory system...	..	..	..	..	..	..	..	..	..	..	
IV.—Diseases of Respiratory System.											
87. Diseases of nasal fossae	..	..	..	..	..	..	..	..	..	..	
88. Diseases of the larynx.	3	2	..	..	..	1	..	1	1	..	
89. Diseases of thyroid gland.....	..	..	..	..	..	..	..	..	..	..	
90. Acute bronchitis.....	9	4	2	..	..	..	..	2	..	..	
91. Chronic bronchitis.....	6	3	..	..	..	..	..	..	..	..	
92. Broncho-pneumonia ...	74	37	12	9	2	..	..	23	..	1	
93. Pneumonia.....	127	69	10	3	..	..	2	15	2	..	
94. Pleurisy	6	4	1	1	..	..	..	2	..	..	
95. Congestion of lungs, pulmonary apoplexy	8	6	1	..	..	1	..	2	..	..	
96. Gangrene of lung.....	..	..	..	..	..	..	..	..	..	..	
97. Asthma.....	4	4	..	..	..	..	..	..	..	..	
98. Pulmonary emphysema	..	..	..	..	..	..	..	..	..	..	
99. Other diseases of respiratory system (phthisis excepted)	1	1	..	..	..	..	..	..	..	..	

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
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Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
V.—Diseases of Digestive System.											
100. Diseases of mouth and adnexa	..	..	..	..	..	..	..	..	..	..	..
101. Diseases of pharynx	2	2	..	..	..	..	..	..	1	..	1
102. Diseases of esophagus	1	1	..	..	..	..	..	..	..	..	..
103. Ulcer of stomach	2	..	..	..	..	..	..	..	..	..	..
104. Other diseases of stomach (cancer excepted)	17	8	1	..	..	..	..	1	..	..	..
105. Diarrhea and enteritis (under two years)	156	88	75	13	..	..	..	88	..	..	..
(Of which) chronic diarrhea	..	..	..	..	..	..	..	..	..	..	..
106. Diarrhea and enteritis (two years and over)	19	14	..	..	1	..	..	1	..	1	..
107. Intestinal parasites	..	..	..	..	..	..	..	..	..	..	..
108. Hernia, intestinal obstruction	12	3	3	..	..	..	..	3	..	..	..
109. Other diseases of intestines	1	..	..	..	..	..	..	..	..	..	..
110. Acute yellow atrophy of liver	..	..	..	..	..	..	..	..	..	..	..
111. Hydatid tumor of liver	..	..	..	..	..	..	..	..	..	..	..
112. Cirrhosis of liver	24	18	..	..	..	..	..	..	..	..	..
113. Biliary calculi	3	1	..	..	..	..	..	..	..	..	..
114. Other diseases of liver	8	6	..	..	..	..	..	..	..	..	..
115. Diseases of spleen	..	..	..	..	..	..	..	..	..	..	..
116. Simple peritonitis (non-puerperal)	1	1	..	..	..	..	..	..	..	..	1
117. Other diseases of digestive system (except tuberculosis and cancer)	1	..	..	..	..	..	..	..	..	..	..
118. Appendicitis and iliac abscess	11	6	..	..	..	..	..	..	2	..	1
VI.—Diseases of Genito-urinary System.											
119. Acute nephritis	8	3	1	1	..	..	..	2	..	..	..
120. Bright's disease	114	67	..	..	..	..	..	..	..	..	..
121. Other diseases of kidneys and adnexa	3	3	..	..	..	..	..	..	..	..	..
122. Urinary calculus	..	..	..	..	..	..	..	..	..	..	..
123. Diseases of bladder	7	6	..	..	..	..	..	..	..	..	..
124. Diseases of urethra, urinary abscess, etc.	..	..	..	..	..	..	..	..	..	..	..
125. Diseases of the prostate	..	..	..	..	..	..	..	..	..	..	..
126. Non-venereal diseases of male genital organs	..	..	..	..	..	..	..	..	..	..	..
127. Metritis	..	..	..	..	..	..	..	..	..	..	..
128. Uterine hæmorrhage (not puerperal)	..	..	..	..	..	..	..	..	..	..	..
129. Uterine tumor (not cancer)	4	..	..	..	..	..	..	..	..	..	..
130. Other diseases of uterus	..	..	..	..	..	..	..	..	..	..	..

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
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Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
131. Ovarian cysts and tumors	..	..	..	..	..	..	..	..	..	..	..
132. Other diseases of female genital organs	3	..	..	..	..	..	..	..	..	..	..
133. Diseases of breast (not puerperal, nor cancer)	..	..	..	..	..	..	..	..	..	..	..
VII.—Puerperal Diseases.											
134. Accidents of pregnancy	2	..	..	..	..	..	..	..	..	..	..
135. Puerperal hemorrhage.	..	..	..	..	..	..	..	..	..	..	..
136. Other accidents of labor	1	..	..	..	..	..	..	..	..	..	..
137. Puerperal septicemia..	5	..	..	..	..	..	..	..	..	..	..
138. Puerperal albuminuria and convulsions	1	..	..	..	..	..	..	..	..	..	..
139. Puerperal phlegmasia alba dolens	..	..	..	..	..	..	..	..	..	..	..
140. Other accidents of parturition, sudden death	3	..	..	..	..	..	..	..	..	..	..
141. Puerperal diseases of breast	..	..	..	..	..	..	..	..	..	..	..
VIII.—Diseases of Skin and Cellular Tissue.											
142. Gangrene	3	2	..	..	..	..	..	..	..	..	..
143. Carbuncle	..	..	..	..	..	..	..	..	..	..	..
144. Phlegmon, acute abscess	2	2	1	..	..	..	..	1	..	..	..
145. Other diseases of skin and adnexa	..	..	..	..	..	..	..	..	..	..	..
IX.—Diseases of Locomotory System.											
146. Diseases of bones (non-tuberculous)	2	1	..	..	..	..	..	..	..	..	..
147. Arthritis, other diseases of joints (except tuberculosis and rheumatism)	..	..	..	..	..	..	..	..	..	..	..
148. Amputation	..	..	..	..	..	..	..	..	..	..	..
149. Other diseases of organs of locomotion	..	..	..	..	..	..	..	..	..	..	..
X.—Malformations.											
150. Congenital malformations	5	4	3	1	..	..	..	4	..	..	..
XI.—Diseases of Infancy.											
151. Congenital debility, icterus and sclerema (of which)	87	51	50	1	..	..	..	51	..	..	..
151a. Injury during birth..	1	1	1	..	..	..	..	1	..	..	..
152. Other diseases peculiar to infancy	2	1	1	..	..	..	..	1	..	..	..
153. Neglect	1	1	1	..	..	..	..	1	..	..	..
XII.—Diseases of Old Age.											
154. Senile debility	40	26	..	..	..	..	..	..	..	..	..

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
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Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10
XIII.—External Causes.										
155. Suicide by poison.....	4	2	..	..	..	..	..	..	..	..
156. Suicide by asphyxia ..	2	2	..	..	..	..	..	..	..	..
157. Suicide by hanging or strangulation...	2	2	..	..	..	..	..	..	..	..
158. Suicide by drowning..	1	1	..	..	..	..	..	..	..	..
159. Suicide by firearms...	5	5	..	..	..	..	..	..	..	..
160. Suicide by cutting instruments	..	..	..	..	..	..	..	..	..	..
161. Suicide by precipitation from height...	..	..	..	..	..	..	..	..	..	..
162. Suicide by crushing...	..	..	..	..	..	..	..	..	..	..
163. Suicide by other methods.....	..	..	..	..	..	..	..	..	..	..
164. Fractures.....	10	10	..	..	..	1	..	1	..	..
165. Dislocations.....	..	..	..	..	..	..	..	..	..	..
166. Other accidental injuries.....	88	33	..	..	..	..	1	1	..	..
167. Burn, by fire, scald...	13	5	1	2	..	..	..	3	..	..
168. Burning by corrosive substances.....	..	..	..	..	..	..	..	..	..	..
169. Sunstroke.....	..	..	..	..	..	..	..	..	..	..
170. Freezing.....	1	1	..	..	..	..	..	..	..	..
171. Electrical shock.....	4	4	..	..	..	..	..	..	..	..
172. Accidental drowning..	34	30	1	..	..	..	..	1	2	1
173. Inanition (starvation).	..	..	..	..	..	..	..	..	..	..
174. Inhalation of noxious gas, not suicidal.....	4	4	1	..	..	..	..	1	..	1
175. Other acute poisoning	..	..	..	..	..	..	..	..	..	..
176. Other external violence	2	2	..	..	..	..	..	..	..	..
(Of which)										
a. Homicide, by blows.....	..	..	..	..	..	..	..	..	..	..
b. Homicide, by sharp instruments	1	1	..	..	..	..	..	..	..	..
c. Homicide, by gunshot	1	1	..	..	..	..	..	..	..	..
d. Homicide, by poison.....	..	..	..	..	..	..	..	..	..	..
e. Homicide, by other methods.....	..	..	..	..	..	..	..	..	..	..
XIV.—Ill-defined or Not Specified Causes										
177. Dropsy.....	..	..	..	..	..	..	..	..	..	..
178. Sudden death, not puerperal.....	..	..	..	..	..	..	..	..	..	..
179. Ill-defined causes	25	14	12	1	..	..	..	13	..	..

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
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3	2	3	1	9	2	2	..	1	1	..	..	..	..	2	..
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Cause of Death.	Total both Sexes.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
I.—General diseases...	375	240	17	11	4	2	4	38	3	7	7
a. Tuberculous diseases ...	168	127	10	2	..	..	..	12	..	3	4
b. Cancer.....	76	37	..	..	..	..	..	..	..	1	..
II.—Diseases of nervous system and organs of sense.	126	80	11	2	..	1	..	14	3	..	3
III.—Diseases of circulatory system...	171	118	..	..	..	..	..	..	2	1	1
IV.—Diseases of respiratory system....	238	130	26	13	2	2	2	45	3	1	..
V.—Diseases of digestive system.....	258	148	79	13	1	..	..	93	3	1	3
VI.—Diseases of genito-urinary system..	139	79	1	1	..	..	..	2	..	..	..
VII.—Puerperal diseases.	12	..	..	..	..	..	..	..	..	..	..
VIII.—Diseases of skin and cellular tissue	5	4	1	..	..	..	..	1	..	..	..
IX.—Diseases of locomotory system..	2	1	..	..	..	..	..	..	..	..	..
X.—Malformations.....	5	4	3	1	..	..	..	4	..	..	..
XI.—Diseases of infancy	90	53	52	1	..	..	..	53	..	..	..
XII.—Diseases of old age.	41	26	..	..	..	..	..	..	..	..	..
XIII.—External causes....	120	101	3	2	..	1	1	7	2	1	4
a. Suicide.....	14	12	..	..	..	..	..	..	..	..	..
b. Homicide.....	2	2	..	..	..	..	..	..	..	..	..
c. Accident.....	104	87	3	2	..	1	1	7	2	1	4
XIV.—Causes ill defined ..	25	14	12	1	..	..	..	13	..	..	..
Total males.....	....	998	205	45	7	6	7	270	16	11	18
Total females ...	....	609	147	22	13	11	5	198	14	6	20
Total both sexes.	....	1,607	352	67	20	17	12	468	30	17	38

BOROUGH OF

Deaths of Females by Age and Cause of Death

Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
I.—General Diseases.										
1. Typhoid fever.....	1	..	..	..	..	..	..	..	..	..
2. Typhus fever.....	..	..	..	..	..	..	..	..	..	..
3. Relapsing fever.....	..	..	..	..	..	..	..	..	..	..
4. Malarial fever.....	..	..	..	..	..	..	..	..	..	..
5. Small pox.....	..	..	..	..	..	..	..	..	..	..

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.	Chinese.
14	18	28	21	21	18	15	11	11	7	7	10	4	..	3	..
10	13	15	17	17	14	9	7	4	1	1	..	..	..	3	..
..	..	2	1	3	..	3	3	6	4	4	7	3	..	..	..
..	1	3	1	6	1	4	1	8	12	12	7	4	..	2	..
..	1	4	6	5	5	13	12	10	14	18	14	9	3	7	..
3	8	3	5	5	9	6	2	4	10	6	8	6	6	5	..
1	2	..	2	4	3	4	4	6	5	9	6	2	..	2	..
2	5	5	5	5	4	3	8	9	4	13	5	3	6	..	..
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7	11	6	14	19	8	6	6	2	2	4	2	..	..	3	..
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7	11	5	8	18	7	5	5	2	2	3	..	..	..	3	..
..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
27	46	49	55	66	48	52	44	51	58	76	58	34	19	23	..
11	23	24	20	27	25	23	39	41	41	34	25	15	23	16	..
38	69	73	75	93	73	75	83	92	99	110	83	49	42	39	..

RICHMOND.

for Year Ending December 31, 1907.

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.
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Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
6. Measles	2	..	..	1	..	1	2	..	..	..
7. Scarlet fever	8	..	..	..	2	1	3	3	1	1
8. Whooping cough	9	5	1	1	2	..	9	..	..	..
9. Diphtheria and croup	11	..	1	4	..	2	7	4	..	..
10. Influenza	2	..	..	..	..	..	..	..	..	..
11. Miliary fever	..	..	..	..	..	..	..	..	..	..
12. Asiatic cholera	..	..	..	..	..	..	..	..	..	..
13. Cholera nostras	..	..	..	..	..	..	..	..	..	..
14. Dysentery	1	..	..	..	..	..	..	..	..	..
15. Plague	..	..	..	..	..	..	..	..	..	..
16. Yellow fever	..	..	..	..	..	..	..	..	..	..
17. Leprosy	..	..	..	..	..	..	..	..	..	..
18. Erysipelas	1	1	..	..	..	..	1	..	..	..
19. Other epidemic diseases	..	..	..	..	..	..	..	..	..	..
20. Pyemia, septicemia	..	..	..	..	..	..	..	..	..	..
21. Glanders	..	..	..	..	..	..	..	..	..	..
22. Malignant pustule	..	..	..	..	..	..	..	..	..	..
23. Hydrophobia	..	..	..	..	..	..	..	..	..	..
24. Actinomycosis	..	..	..	..	..	..	..	..	..	..
24a. Trichinosis	..	..	..	..	..	..	..	..	..	..
25. Pellagra	..	..	..	..	..	..	..	..	..	..
26. Tuberculosis of larynx	..	..	..	..	..	..	..	..	..	..
27. Tuberculosis of lungs	36	..	2	..	1	..	3	..	1	4
28. Tubercular meningitis	3	2	..	1	..	..	3	..	..	..
29. Abdominal tuberculosis	1	..	..	..	..	..	..	..	..	..
30. Pott's disease	..	..	..	..	..	..	..	..	..	..
31. Cold abscess	..	..	..	..	..	..	..	..	..	..
32. White swelling	1	..	..	..	..	..	..	..	..	..
33. Tuberculosis of other organs	..	..	..	..	..	..	..	..	..	..
34. General tuberculosis	..	..	..	..	..	..	..	..	..	..
35. Scrofula	..	..	..	..	..	..	..	..	..	..
36. Syphilis	2	..	1	..	..	..	1	..	..	..
37. Gonorrhea (adults)	..	..	..	..	..	..	..	..	..	..
38. Gonorrhea (children)	..	..	..	..	..	..	..	..	..	..
39. Cancers, etc., of the mouth	..	..	..	..	..	..	..	..	..	..
40. Cancer of stomach, liver	9	..	..	..	..	..	..	..	..	..
41. Cancer of intestines, rectum	6	..	..	..	..	..	..	..	..	..
42. Cancer of female genital organs	12	..	..	..	..	..	..	..	..	..

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.
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Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
43. Cancer of the breast	8	..	..	..	..	..	..	..	..	..
44. Cancer of the skin	..	..	..	..	..	..	..	..	..	..
45. Cancer of other organs and unspecified	4	..	..	..	..	..	..	..	..	..
46. Other tumors (except of female genital organs)	1	..	..	..	..	..	..	1	..	..
47. Acute articular rheumatism	5	..	..	..	..	..	..	1	2	..
48. Chronic rheumatism and gout	..	..	..	..	..	..	..	..	..	..
49. Scurvy	..	..	..	..	..	..	..	..	..	..
50. Diabetes	9	..	..	..	..	..	..	..	1	..
51. Exophthalmic goitre	..	..	..	..	..	..	..	..	..	..
52. Addison's disease	..	..	..	..	..	..	..	..	..	..
53. Leukemia	1	..	..	..	..	..	..	1	..	..
54. Anemia, chlorosis	2	..	..	..	..	..	..	..	..	..
55. Other general diseases	..	..	..	..	..	..	..	..	..	..
56. Alcoholism, acute and chronic	..	..	..	..	..	..	..	..	..	..
57. Lead poisoning	..	..	..	..	..	..	..	..	..	..
58. Other chronic poisonings of occupation	..	..	..	..	..	..	..	..	..	..
59. Other chronic poisonings	..	..	..	..	..	..	..	..	..	..
II.—Diseases of Nervous System and Organs of Sense.										
60. Encephalitis	..	..	..	..	..	..	..	..	..	..
61. Simple meningitis	6	1	..	1	2	..	4	..	..	..
(Of which) Cerebro-spinal meningitis	2	1	..	1	..	..	2	..	..	..
62. Locomotor ataxia	..	..	..	..	..	..	..	..	..	..
63. Other diseases of spinal cord	3	..	..	1	1	..	2	..	..	1
64. Apoplexy, congestion of brain	30	..	1	..	..	..	1	..	..	..
65. Softening of brain	..	..	..	..	..	..	..	..	..	..
66. Paralysis, unspecified	1	..	..	..	..	..	..	..	..	..
67. General paresis	..	..	..	..	..	..	..	..	..	..
68. Other forms of insanity	..	..	..	..	..	..	..	..	..	..
69. Epilepsy	1	..	..	..	..	..	..	..	..	..
70. Convulsions (not puerperal)	..	..	..	..	..	..	..	..	..	..
71. Convulsions of infants	2	1	..	1	..	..	2	..	..	..
72. Tetanus, trismus	..	..	..	..	..	..	..	..	..	..
73. Chorea	..	..	..	..	..	..	..	..	1	..
74. Other nervous diseases	..	..	..	..	..	..	..	..	..	..
75. Diseases of the eyes	..	..	..	..	..	..	..	..	..	..
76. Diseases of the ears	3	2	..	..	..	1	3	..	..	..

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.
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Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5	5	10	15
III.—Diseases of Circulatory System.										
77. Pericarditis	..	..	..	..	..	..	..	..	..	..
78. Acute endocarditis	1	..	..	..	..	..	..	1	..	..
79. Organic heart diseases	49	..	1	..	..	..	1	..	..	1
80. Angina pectoris	1	..	..	..	..	..	..	..	..	..
81. Diseases of arteries, aneurism, etc.	1	..	..	..	..	..	..	..	..	..
82. Embolism, thrombosis	2	..	..	..	..	..	..	..	..	..
83. Diseases of veins (hemorrhoids, varices, phlebitis, etc.)	..	..	..	..	..	..	..	..	..	..
84. Diseases of lymphatics (lymphangitis, etc.)	..	..	..	..	..	..	..	..	..	..
85. Hemorrhage	..	..	..	..	..	..	..	..	..	..
86. Other diseases of circulatory system	..	..	..	..	..	..	..	..	..	..
IV.—Diseases of Respiratory System.										
87. Diseases of nasal fossæ	..	..	..	..	..	..	..	..	..	..
88. Diseases of the larynx	1	..	..	..	1	..	1	..	..	..
89. Diseases of thyroid gland	..	..	..	..	..	..	..	..	..	..
90. Acute bronchitis	5	2	..	..	1	..	3	..	..	..
91. Chronic bronchitis	3	1	..	..	..	..	1	..	..	..
92. Broncho-pneumonia	37	17	4	1	..	..	22	..	1	..
93. Pneumonia	58	3	2	1	..	..	6	1	..	1
94. Pleurisy	2	..	..	..	..	..	..	..	..	..
95. Congestion of lungs, pulmonary apoplexy	2	..	..	..	..	..	..	..	..	..
96. Gangrene of lung	..	..	..	..	..	..	..	..	..	..
97. Asthma	..	..	..	..	..	..	..	..	..	..
98. Pulmonary emphysema	..	..	..	..	..	..	..	..	..	..
99. Other diseases of respiratory system (phthisis excepted)	..	..	..	..	..	..	..	..	..	..
V.—Diseases of Digestive System.										
100. Diseases of mouth and adnexa	..	..	..	..	..	..	..	..	..	..
101. Diseases of pharynx	..	..	..	..	..	..	..	..	..	..
102. Diseases of esophagus	..	..	..	..	..	..	..	..	..	
103. Ulcer of stomach	2	..	..	..	..	..	..	..	..	..
104. Other diseases of stomach (cancer excepted)	9	2	..	..	..	..	2	..	..	1
105. Diarrhœa and enteritis (under two years)	68	60	8	..	..	..	68	..	..	..
(Of which) Chronic diarrhea:										
106. Diarrhea and enteritis (two years and over)	5	..	..	..	..	..	..	..	..	..
107. Intestinal parasites	..	..	..	..	..	..	..	..	..	..
108. Hernia, intestinal obstruction	9	1	..	..	..	..	1	..	..	1
109. Other diseases of intestines	1	..	..	..	..	..	..	..	..	..

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.
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Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	1
110. Acute yellow atrophy of liver ..	..	..	..	..	..	..	..	..	..	
111. Hydatid tumor of liver	..	..	..	..	..	..	..	..	..	
112. Cirrhosis of liver	6	..	..	..	..	..	..	..	..	
113. Biliary calculi	2	..	..	..	..	..	..	..	..	
114. Other diseases of liver	2	..	..	..	..	..	..	..	..	
115. Diseases of spleen	..	..	..	..	..	..	..	..	..	
116. Simple peritonitis (non-puerperal)	..	..	..	..	..	..	..	..	..	
117. Other diseases of digestive system (except tuberculosis and cancer)	1	..	..	..	..	..	..	..	..	
118. Appendicitis and iliac abscess...	5	..	..	..	..	..	..	1	..	
VI.—Diseases of Genito-urinary System.										
119. Acute nephritis	5	..	..	..	..	..	..	1	..	
120. Bright's disease	47	..	..	..	..	..	..	..	..	
121. Other diseases of kidneys and adnexa	..	..	..	..	..	..	..	..	..	
122. Urinary calculus	..	..	..	..	..	..	..	..	..	
123. Diseases of bladder	1	..	..	..	..	..	..	..	..	
124. Diseases of urethra, urinary abscess, etc	..	..	..	..	..	..	..	..	..	
125. Diseases of the prostate	..	..	..	..	..	..	..	..	..	
126. Non-venereal diseases of male genital organs	..	..	..	..	..	..	..	..	..	
127. Metritis	..	..	..	..	..	..	..	..	..	
128 Uterine hemorrhage (not puerperal)	..	..	..	..	..	..	..	..	..	
129. Uterine tumor (not cancer)	4	..	..	..	..	..	..	..	..	
130. Other diseases of uterus	..	..	..	..	..	..	..	..	..	
131. Ovarian cysts and tumors	..	..	..	..	..	..	..	..	..	
132. Other diseases of female genital organs	3	..	..	..	..	..	..	..	..	
133. Diseases of breast (not puerperal, nor cancer)	..	..	..	..	..	..	..	..	..	
VII.—Puerperal Diseases.										
134. Accidents of pregnancy	2	..	..	..	..	..	..	..	..	
135. Puerperal hemorrhage	..	..	..	..	..	..	..	..	..	
136. Other accidents of labor	1	..	..	..	..	..	..	..	..	
137. Puerperal septicemia	5	..	..	..	..	..	..	..	..	
138. Puerperal albuminuria and convulsions	1	..	..	..	..	..	..	..	..	
139. Puerperal phlegmasia alba dolens	..	..	..	..	..	..	..	..	..	
140. Other accidents of parturition, sudden death	3	..	..	..	..	..	..	..	..	
141. Puerperal diseases of breast	..	..	..	..	..	..	..	..	..	
VIII.—Diseases of Skin and Cellular Tissue.										
142. Gangrene	1	..	..	..	..	..	..	..	..	
143. Carbuncle	..	..	..	..	..	.	..	..	..	

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.
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Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10
144. Phlegmon, acute abscess	..	..	..	..	..	..	..	..	..
145. Other diseases of skin and adnexa	..	..	..	..	..	..	..	..	..
IX.—Diseases of Locomotory System.									
146. Diseases of bones (non-tuberculous)	1	1	..	..	..	..	1	..	..
147. Arthritis, other diseases of joints (except tuberculosis and rheumatism)	..	..	..	..	..	..	..	..	..
148. Amputation	..	..	..	..	..	..	..	..	..
149. Other diseases of organs of locomotion	..	..	..	..	..	..	..	..	..
X.—Malformations.									
150. Congenital malformations	1	1	..	..	..	..	1	..	..
XI.—Diseases of Infancy.									
151. Congenital debility, icterus and sclerema (of which)	36	36	..	..	..	..	36	..	..
151a. Injury during birth	..	..	..	..	..	..	..	..	..
152. Other diseases peculiar to infancy	1	1	..	..	..	..	1	..	..
153. Neglect	..	..	..	..	..	..	..	..	..
XII.—Diseases of Old Age.									
154. Senile debility	14	..	..	..	..	..	..	..	..
XIII.—External Causes.									
155. Suicide by poison	2	..	..	..	..	..	..	..	..
156. Suicide by asphyxia	..	..	..	..	..	..	..	..	..
157. Suicide by hanging or strangulation	1	..	..	..	..	..	..	..	..
158. Suicide by drowning	..	..	..	..	..	..	..	..	..
159. Suicide by firearms	..	..	..	..	..	..	..	..	..
160. Suicide by cutting instruments	..	..	..	..	..	..	..	..	..
161. Suicide by precipitation from height	..	..	..	..	..	..	..	..	..
162. Suicide by crushing	..	..	..	..	..	..	..	..	..
163. Suicide by other methods	..	..	..	..	..	..	..	..	..
164. Fractures	..	..	..	..	..	..	..	..	..
165. Dislocations	..	..	..	..	..	..	..	..	..
166. Other accidental injuries	5	..	..	..	..	..	..	1	..
167. Burn, by fire, scald	8	..	..	1	1	..	2	1	..
168. Burning by corrosive substances	..	..	..	..	..	..	..	..	..
169. Sunstroke	..	..	..	..	..	..	..	..	..
170. Freezing	..	..	..	..	..	..	..	..	..
171. Electrical shock	..	..	..	..	..	..	..	..	..
172. Accidental drowning	4	..	..	..	..	..	..	..	..
173. Inanition (starvation)	..	..	..	..	..	..	..	..	..

20	25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.
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Cause of Death.	All Ages.	Under 1 Year.	1	2	3	4	Total Under 5.	5	10	15
174. Inhalation of noxious gas, not suicidal	..	..	..	..	..	..	..	..	..	..
175. Other acute poisoning	..	..	..	..	..	..	..	..	..	..
176. Other external violence	..	..	..	..	..	..	..	..	..	..
(Of which) a. Homicide, by blows	..	..	..	..	..	..	..	..	..	..
b. Homicide, by sharp instruments	..	..	..	..	..	..	..	..	..	..
c. Homicide, by gunshot	..	..	..	..	..	..	..	..	..	..
d. Homicide, by poison	..	..	..	..	..	..	..	..	..	..
e. Homicide, by other methods	..	..	..	..	..	..	..	..	..	..
XIV.—Ill-defined or Not Specified Causes.										
177. Dropsy	..	..	..	..	..	..	..	..	..	..
178. Sudden death, not puerperal	..	..	..	..	..	..	..	..	..	..
179. Ill-defined causes	11	10	1	..	..	..	11	..	..	..
I.—General diseases	135	8	5	7	5	4	29	8	5	7
a. Tuberculous diseases	41	2	2	1	1	...	6	..	1	4
b. Cancer	39	..	..	..	..	..	..	..	..	..
II.—Diseases of nervous system and organs of sense	46	4	1	3	3	1	12	..	..	1
III.—Diseases of circulatory system	54	..	1	..	..	..	1	1	..	2
IV.—Diseases of respiratory system	108	23	6	2	2	..	33	1	1	1
V.—Diseases of digestive system	110	63	8	..	..	..	71	1	..	3
VI.—Diseases of genito-urinary system	60	..	..	..	..	..	..	1	..	1
VII.—Puerperal diseases	12	..	..	..	..	..	..	..	..	..
VIII.—Diseases of skin and cellular tissue	1	..	..	..	..	..	..	..	..	..
IX.—Diseases of locomotory system	1	1	..	..	..	..	1	..	..	..
X.—Malformations	1	1	..	..	..	..	1	..	..	..
XI.—Diseases of infancy	37	37	..	..	..	..	37	..	..	..
XII.—Diseases of old age	14	..	..	..	..	..	..	..	..	..
XIII.—External causes	19	..	..	1	1	..	2	2	..	5
a. Suicide	2	..	..	..	..	..	..	..	..	..
b. Homicide	..	..	..	..	..	..	..	..	..	..
c. Accident	17	..	..	1	1	..	2	2	..	5
XIV.—Causes ill defined	11	10	1	..	..	..	11	..	..	..
Total females	609	147	22	13	11	5	198	14	6	20

25	30	35	40	45	50	55	60	65	70	75	80	85 and over.	Colored.
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1	4	5	1	3	2	6	9	8	14	6	4	7	2
2	2	1	4	3	3	4	5	3	1	2	..	4	3
4	4	2	5	4	2	5	7	6	6	5	5	3	3
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23	24	20	27	25	23	39	41	41	34	25	15	23	16

Monthly Mortality from the Principal Causes,

Cause of Death.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.
										Borough of
Total, all causes	3,832	3,472	3,871	3,558	3,454	3,282	3,455	3,643	3,022	3,075
1. Typhoid fever	18	29	26	40	35	18	17	31	45	51
2. Typhus fever	..	..	..	..	..	..	..	..	..	..
3. Malarial fevers	..	..	1	3	3	..	..	4	..	3
4. Small-pox	..	..	..	..	..	1	..	..	..	..
5. Measles	8	13	21	30	32	57	68	28	12	[illegible]
6. Scarlet fever	18	29	29	43	47	52	33	16	12	12
7. Whooping cough	14	11	19	18	16	22	11	27	11	7
8. Diphtheria and croup	96	94	72	80	79	92	59	47	40	53
9. Influenza	61	44	59	19	9	5	1	..	2	1
10. Asiatic cholera	..	..	..	..	..	..	..	..	..	..
11. Cholera nostras	..	..	..	..	..	..	..	..	..	..
12. Other epidemic diseases	29	27	37	27	27	21	19	11	11	[illegible]
13. Tuberculosis pulmonalis	435	388	476	446	398	369	343	336	289	[illegible]
14. Tubercular meningitis	27	35	45	47	58	35	35	37	45	31
15. Other forms of tuberculosis	17	22	27	12	21	21	17	25	16	12
16. Cancer, malignant tumors	142	121	176	144	141	159	154	141	135	15[illegible]
17. Meningitis, simple	64	54	72	81	115	62	40	39	42	[illegible]
17a. Cerebro-spinal meningitis	41	30	58	46	81	38	28	25	26	[illegible]
18. Apoplexy, congestion and softening of brain	117	115	107	107	94	105	66	88	76	10[illegible]
19. Organic heart disease	314	284	305	302	333	295	268	229	290	30[illegible]
20. Acute bronchitis	39	52	44	30	38	30	34	22	22	[illegible]
21. Chronic bronchitis	14	8	10	10	13	12	..	6	9	[illegible]
22. Pneumonia (excluding broncho-pneumonia)	434	376	436	360	277	183	115	116	128	[illegible]
22a. Broncho-pneumonia	397	351	362	317	289	283	216	224	157	15[illegible]
23. Diseases of stomach (cancer excepted)	22	12	12	13	16	7	24	10	17	15
24. Diarrheas (under five years)	100	106	136	137	135	147	591	903	511	311
25. Hernia, intestinal obstruction	33	24	24	27	26	27	25	14	19	25
26. Cirrhosis of liver	56	44	48	39	44	36	43	41	43	3[illegible]
27. Bright's disease and nephritis	301	281	299	246	254	210	221	197	175	22[illegible]
28. Diseases of women (not cancer)	10	24	20	14	15	20	16	10	12	12
29. Puerperal septicemia	12	11	24	15	10	15	11	11	4	6

or the Year ending December 31, 1907.

Manhattan.			Borough of The Bronx.												
Nov.	Dec.	Total.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
2,906	3,749	41,319	564	606	538	557	499	456	592	559	461	479	490	577	6,379
36	26	372	1	1	2	8	5	3	6	7	4	3	5	3	48
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	..	16	..	..	..	..	..	..	2	2	1	..	..	..	5
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
15	33	327	4	3	5	15	10	10	17	9	4	4	5	17	103
19	34	344	3	2	13	8	10	9	3	6	1	3	9	10	77
5	7	168	3	1	2	5	1	6	5	7	1	2	..	..	33
49	80	841	13	15	5	16	15	15	27	13	12	9	14	20	174
12	101	321	11	7	1	4	..	..	..	..	..	2	..	15	40
..	..	....	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	....	..	..	..	..	..	..	..	..	..	..	..	..	..
13	19	251	4	1	1	3	..	6	2	6	..	2	4	..	29
341	419	4,570	111	152	149	160	127	107	108	106	94	113	115	118	1,460
25	34	454	2	4	3	5	4	5	6	5	6	9	2	5	56
16	18	230	3	5	3	3	4	..	3	3	3	4	4	4	39
145	166	1,782	16	32	28	23	13	21	18	20	21	22	14	22	250
30	38	677	7	3	7	8	11	6	7	5	11	9	6	2	82
18	20	433	1	3	4	6	7	4	3	2	3	4	1	..	38
97	120	1,199	28	26	22	20	14	8	16	18	14	26	23	19	234
324	359	3,607	59	66	49	47	54	46	48	31	34	52	53	65	604
27	33	381	8	9	5	5	4	2	1	2	3	6	1	8	54
10	23	122	2	2	2	2	1	1	1	4	1	1	3	3	23
249	437	3,277	55	55	49	31	41	22	9	11	19	18	28	59	397
249	381	3,411	46	22	29	27	16	9	12	14	11	15	25	27	253
11	15	174	2	2	8	7	5	3	4	4	6	6	2	4	53
101	90	3,268	10	8	8	14	11	5	108	118	40	33	7	13	375
21	28	293	6	4	1	5	3	2	6	3	6	3	5	3	47
39	48	519	8	7	5	5	1	9	7	3	3	6	2	7	63
205	257	2,873	37	42	30	27	34	31	38	29	21	20	34	33	376
10	19	182	..	..	2	2	5	1	..	2	3	2	3	1	21
11	14	144	2	1	3	4	1	1	4	1	..	..	1	4	22

Cause of Death.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
30. Other puerperal diseases	21	28	24	17	29	20	21	20	13	[illegible]
31. Congenital debility and malformations	275	224	252	231	203	237	228	263	229	[illegible]
32. Old age	30	21	27	19	16	11	19	10	18	[illegible]
33. Violent deaths	218	207	166	227	241	257	292	228	199	[illegible]
a. Sunstroke	..	..	..	..	..	11	18	3	1	..
b. Other accidents	180	160	125	180	195	208	213	172	152	[illegible]
c. Homicide	15	13	11	13	10	9	23	20	14	15
d. Suicide	23	34	30	34	36	29	38	33	22	[illegible]
34. All other causes	473	414	477	428	411	440	419	419	372	[illegible]
35. Ill-defined causes	37	23	38	29	29	33	49	90	68	55
Under one year	763	694	780	755	663	738	1,069	1,313	896	[illegible]
One year and under two years	173	204	201	200	221	225	260	328	211	[illegible]
Total under five years	1,099	1,050	1,149	1,135	1,079	1,145	1,512	1,810	1,237	[illegible]
Sixty-five years and over	606	536	593	467	444	403	336	310	329	[illegible]
Seventy years and over	414	353	379	318	305	273	229	200	225	[illegible]
Males	2,081	1,925	2,150	2,000	2,003	1,834	1,904	2,043	1,672	[illegible]
Females	1,751	1,547	1,721	1,558	1,451	1,448	1,551	1,600	1,350	[illegible]
Colored	126	100	129	132	102	114	119	141	101	[illegible]
Chinese	3	5	7	3	12	6	8	5	8	9

Manhattan.			Borough of The Bronx.												
Nov.	Dec.	Total.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
22	20	254	2	2	5	1	1	4	3	3	1	2	5	..	29
208	228	2,804	29	26	24	23	22	31	16	39	27	26	24	31	318
14	23	226	4	1	4	1	3	2	10	3	2	2	5	6	43
226	228	2,721	28	45	25	28	27	35	42	28	41	22	36	19	376
..	..	33	..	..	..	..	..	..	1	1	..	..	..	..	2
177	173	2,725	22	44	15	22	22	29	37	23	34	16	29	14	307
13	15	171	1	..	2	3	1	3	1	2	..	1	3	..	17
36	40	392	5	1	8	3	4	3	3	2	7	5	4	5	50
351	426	5,011	57	60	45	50	54	55	55	53	62	49	45	56	641
23	25	499	3	2	3	..	2	1	8	4	10	8	10	3	54
540	651	9,602	84	73	71	72	58	53	146	176	92	82	57	80	1,044
121	177	2,483	23	14	15	28	29	25	36	39	31	21	24	26	311
769	999	13,989	118	116	110	127	113	102	223	238	152	120	104	133	1,656
420	655	5,521	96	91	86	70	69	51	69	58	57	70	75	118	910
266	442	3,660	72	65	58	40	38	34	47	36	36	50	53	73	602
1,572	2,116	23,033	320	334	304	330	299	259	328	297	249	280	262	319	3,581
1,334	1,633	18,286	244	272	234	227	200	197	265	262	213	199	228	258	2,798
94	122	1,375	10	17	13	15	22	20	18	12	17	14	23	18	199
2	3	71	..	..	..	1	..	1	..	..	1	..	..	..	3

Cause of Death.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Total, all causes	2,425	2,202	2,304	2,166	2,081	1,884	2,438	2,493	1,858
1. Typhoid fever	18	10	10	13	11	15	19	25	26
2. Typhus fever	..	..	..	..	..	..	..	..	..
3. Malarial fevers	1	3	2	1	1	4	5	6	5
4. Small-pox	1	..	..	2	1	2	1	..	..
5. Measles	14	14	19	12	35	53	41	25	1
6. Scarlet fever	21	23	40	33	27	55	27	11	8
7. Whooping cough	16	11	12	13	18	11	15	30	13
8. Diphtheria and croup	66	83	71	60	55	50	44	37	24
9. Influenza	79	54	47	26	15	10	2	..	4
10. Asiatic cholera	..	..	..	..	..	..	..	..	..
11. Cholera nostras	..	..	..	..	..	..	..	..	..
12. Other epidemic diseases	10	11	17	10	10	13	13	21	8
13. Tuberculosis pulmonalis	225	238	239	249	236	178	192	200	185
14. Tubercular meningitis	11	15	29	21	15	15	19	17	12
15. Other forms of tuberculosis	15	13	16	19	23	11	8	30	17
16. Cancer, malignant tumors	79	90	87	83	77	86	74	90	84
17. Meningitis, simple	23	20	38	18	24	19	19	22	13
17a. Cerebro-spinal meningitis	15	10	23	10	15	12	12	16	9
18. Apoplexy, congestion and softening of brain	109	95	74	93	94	76	80	70	65
19. Organic heart disease	254	238	252	218	214	178	166	194	156
20. Acute bronchitis	66	58	48	56	43	31	29	27	24
21. Chronic bronchitis	31	22	21	20	23	12	6	7	7
22. Pneumonia (excluding broncho-pneumonia)	305	268	254	211	171	128	51	84	74
22a. Broncho-pneumonia	165	142	173	149	136	111	91	123	79
23. Diseases of stomach (cancer excepted)	11	16	15	17	17	15	13	17	13
24. Diarrheas (under five years)	50	51	59	63	66	88	730	665	357
25. Hernia, intestinal obstruction	20	7	13	14	9	9	11	15	25
26. Cirrhosis of liver	30	40	33	28	47	38	46	34	34
27. Bright's disease and nephritis	199	150	168	185	176	158	156	170	134
28. Diseases of women (not cancer)	3	8	10	15	14	13	2	8	6
29. Puerperal septicemia	15	11	14	18	16	11	11	4	5
30. Other puerperal diseases	10	10	9	16	9	11	17	18	12

Brooklyn.			Borough of Queens.												
Nov.	Dec.	Total.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
1,874	2,399	26,043	328	325	314	295	299	268	389	419	338	324	255	303	3,857
43	39	271	1	..	3	2	1	2	4	5	7	5	3	3	36
..	..	....	..	..	..	..	..	..	..	..	..	..	..	..	..
6	2	42	..	..	..	..	1	1	..	..	..	1	..	1	4
..	1	8	..	..	..	..	..	..	..	..	..	..	..	..	..
9	54	288	1	..	..	1	..	..	1	1	..	1	..	..	5
20	40	321	..	4	1	5	2	3	8	1	1	3	6	9	43
5	1	154	2	2	5	4	5	2	1	2	..	..	..	..	23
43	39	603	12	7	7	6	8	6	8	4	4	14	11	9	96
10	82	334	3	3	2	1	..	2	..	..	..	..	..	5	16
..	..	....	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	....	..	..	..	..	..	..	..	..	..	..	..	..	..
7	7	133	3	..	..	..	2	1	2	6	6	1	1	1	23
186	215	2,515	33	30	29	35	30	25	21	14	18	30	17	25	307
16	16	205	..	3	2	1	3	4	1	3	5	..	2	1	25
20	19	209	1	3	4	..	1	4	5	2	2	1	..	1	24
76	88	993	7	9	13	8	8	11	9	16	12	12	10	11	126
13	13	238	3	5	2	9	9	3	4	5	7	3	1	2	53
7	7	145	1	3	..	3	4	1	3	1	2	..	..	1	19
87	105	1,038	17	11	6	8	3	9	9	6	10	7	7	9	102
192	275	2,556	25	27	27	23	28	31	23	21	26	34	28	30	323
50	57	523	14	17	12	6	7	2	1	4	4	6	2	6	81
12	13	179	5	2	2	2	..	..	2	..	..	..	2	2	17
174	288	2,122	40	46	35	27	19	16	8	8	12	19	28	36	294
135	183	1,582	31	30	29	21	18	15	17	21	14	17	22	34	269
14	15	185	3	1	..	2	3	2	3	1	3	3	2	1	24
54	53	2,417	6	7	8	6	11	14	108	136	60	25	7	6	394
18	13	164	2	1	1	4	3	3	1	..	5	3	3	5	31
28	39	446	5	2	6	3	2	2	2	..	5	8	2	3	40
160	201	1,997	32	30	30	29	32	17	30	24	20	26	23	24	317
7	7	96	1	..	1	..	2	..	1	..	..	..	..	..	5
10	12	134	2	1	1	3	3	1	..	..	1	2	2	1	17
12	18	156	1	2	3	..	1	1	..	..	2	2	2	1	15

Cause of Death.	Borough of									
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
31. Congenital debility and malformations	127	88	104	117	104	93	129	115	95	[illegible]
32. Old age	31	28	34	31	31	24	21	15	19	[illegible]
33. Violent deaths	118	108	103	92	111	128	141	150	109	[illegible]
a. Sunstroke	..	..	..	..	..	8	22	7	1	..
b. Other accidents	84	89	82	72	88	95	102	111	85	[illegible]
c. Homicide	9	5	8	9	2	9	5	8	4	8
d. Suicide	25	14	13	11	21	16	12	24	19	[illegible]
34. All other causes	293	276	285	258	249	237	261	252	239	[illegible]
35. Ill-defined causes	9	1	8	5	3	1	8	11	5	4
Under one year	394	365	400	383	374	325	875	804	512	[illegible]
One year, under two years	81	116	113	125	108	109	188	238	104	[illegible]
Total under five years	598	599	663	623	601	565	1,233	1,198	710	[illegible]
Sixty-five years and over	475	440	427	377	390	305	271	294	268	[illegible]
Seventy years and over	329	315	304	270	265	217	167	194	178	[illegible]
Males	1,265	1,168	1,209	1,164	1,109	1,023	1,357	1,301	1,006	[illegible]
Females	1,160	1,034	1,095	1,002	972	861	1,081	1,192	852	[illegible]
Colored	58	50	46	50	55	63	44	56	40	[illegible]
Chinese	1	..	1	..	..	..	..	1	..	[illegible]

Brooklyn.			Borough of Queens.												
Nov.	Dec.	Total.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
90	107	1,267	17	24	19	18	21	17	26	26	26	23	25	19	261
27	36	317	6	5	6	3	2	4	5	7	4	6	3	6	57
99	100	1,365	19	22	28	23	35	31	34	35	32	28	19	23	329
..	..	38	..	..	..	..	..	1	..	..	..	..	..	..	1
70	66	1,026	15	20	22	18	25	28	31	31	29	24	18	19	280
8	6	81	2	..	3	1	3	..	3	1	1	..	..	..	14
21	28	220	2	2	3	4	7	2	..	2	3	4	1	4	34
250	260	3,128	35	29	30	42	37	34	44	57	42	36	26	26	438
1	1	57	1	2	2	3	2	5	11	14	10	8	1	3	62
304	366	5,503	58	62	60	53	60	49	144	181	106	62	48	53	936
72	94	1,458	10	17	16	11	11	15	23	34	15	11	5	7	175
453	561	8,392	87	88	84	75	89	74	183	231	143	92	64	79	1,289
347	512	4,461	65	64	56	48	51	45	43	61	50	53	40	71	647
241	356	3,073	46	45	42	34	33	32	31	38	41	34	29	53	458
977	1,234	13,879	177	165	180	172	173	167	210	234	188	201	131	155	2,153
897	1,165	12,164	151	160	134	123	126	101	179	185	150	123	124	148	1,704
48	48	598	13	6	11	14	6	8	14	6	4	7	13	5	108
..	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..

Cause of Death.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Borough of [illegible]
Total, all causes	136	118	147	129	115	103	144	202	125	153	[illegible]
1. Typhoid fever	2	1	2	2	..	..	1	1	..	3	..
2 Typhus fever	..	..	..	..	..	..	..	..	..	..	..
3. Malarial fever	..	..	..	..	..	..	..	1	..	..	..
4. Small-pox	..	..	..	..	..	..	..	..	..	..	..
5. Measles	..	..	1	..	..	..	1	1	1	..	1
6. Scarlet fever	2	3	..	1	2	..	..	..	..	..	1
7. Whooping-cough	..	2	4	1	1	1	2	3	..	1	..
8. Diphtheria and croup	1	2	2	2	..	2	1	3	2	2	5
9. Influenza	1	1	..	..	..	..	..	..	..	..	..
10. Asiatic cholera	..	..	..	..	..	..	..	..	..	..	..
11. Cholera nostras	..	..	..	..	..	..	..	..	..	..	..
12. Other epidemic diseases	..	1	..	..	..	1	1	1	1	..	..
13. Tuberculosis pulmonalis	13	14	14	13	11	13	12	9	10	17	5
14. Tubercular meningitis	2	1	2	1	1	2	2	1	2	1	..
15. Other forms of tuberculosis	1	..	..	1	..	1	1	..	1	..	..
16. Cancer, malignant tumors	5	6	7	4	7	8	6	8	6	7	6
17. Meningitis, simple	..	..	1	3	1	3	4	2	2	1	..
17a. Cerebro-spinal meningitis	..	..	1	1	..	2	1	1	1	..	..
18. Apoplexy, congestion and softening of brain	2	12	8	6	7	3	8	3	2	5	8
19. Organic heart disease	17	10	11	17	11	11	8	13	10	15	10
20. Acute bronchitis	2	3	..	1	..	..	..	1	..	1	..
21. Chronic bronchitis	..	..	1	..	1	1	..	..	..	1	1
22. Pneumonia (excluding broncho-pneumonia)	20	11	21	7	11	7	6	4	4	12	10
22a. Broncho-pneumonia	11	9	10	7	4	3	3	7	3	2	3
23. Diseases of stomach (cancer excepted)	..	2	3	2	3	1	1	2	..	4	..
24. Diarrheas (under 5 years)	1	..	1	1	6	2	37	63	29	11	4
25. Hernia (intestinal obstruction)	..	..	..	2	..	3	..	2	..	3	1
26. Cirrhosis of liver	2	1	4	2	2	1	..	2	1	2	2
27. Bright's disease and nephritis	10	9	13	13	12	3	7	12	9	17	7
28. Diseases of women (not cancer)	1	2	..	..	..	1	1	..	1	..	..
29. Puerperal septicemia	1	..	1	..	..	..	..	1	..	1	..
30. Other puerperal diseases	1	..	1	2	..	..	1	..	..	..	..
31. Congenital debility and malformations	3	4	9	8	4	8	14	15	9	8	3

Richmond.		City of New York.												
Dec.	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
142	1,607	7,285	6,723	7,174	6,705	6,448	5,993	7,018	7,316	5,805	5,950	5,618	7,170	79,205
1	13	40	41	43	65	52	38	47	69	82	104	87	72	740
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	2	1	3	3	4	5	5	7	13	6	10	8	4	69
..	..	1	..	..	2	1	4	1	..	..	..	..	..	9
..	5	27	30	46	58	77	120	128	64	18	26	30	104	728
2	11	44	61	83	90	88	119	71	34	22	34	55	95	796
..	15	35	27	42	41	41	42	34	69	25	19	10	8	393
4	26	188	201	157	164	157	165	139	104	82	109	122	152	1,740
1	3	155	109	109	50	24	17	3	..	6	15	22	204	714
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	6	46	40	55	41	39	41	37	45	26	19	25	28	442
16	147	817	822	907	903	802	692	676	665	596	662	664	793	8,999
..	15	42	58	81	75	81	61	63	63	70	60	45	56	755
1	6	37	43	50	35	49	37	34	60	39	41	40	43	508
6	76	249	258	311	262	246	285	261	275	258	278	251	293	3,227
..	17	97	82	120	119	160	93	74	73	75	69	50	55	1,067
..	7	58	46	86	66	107	57	47	45	41	35	26	28	642
10	74	273	259	217	234	212	201	179	185	167	235	222	263	2,647
14	147	669	625	644	607	640	561	513	488	516	624	607	743	7,237
1	9	129	139	109	98	92	65	65	56	53	57	80	105	1,048
1	6	52	34	36	34	38	26	9	17	17	14	28	42	347
14	127	854	756	795	636	519	356	189	223	237	329	489	834	6,217
12	74	650	554	603	521	463	421	339	389	264	314	434	637	5,589
1	19	38	33	38	41	44	28	45	34	39	50	29	36	455
2	157	167	172	212	221	229	256	1,574	1,885	997	561	173	164	6,611
1	12	61	36	39	52	41	44	43	34	55	44	48	50	547
5	24	101	94	96	77	96	86	98	80	86	103	73	102	1,092
10	122	579	512	540	500	508	419	452	432	359	430	429	525	5,685
1	7	15	34	33	31	36	35	20	20	22	17	20	28	311
1	5	32	24	43	40	30	28	26	17	10	16	24	32	322
2	7	35	42	42	36	40	36	42	41	28	37	41	41	461
7	92	451	366	408	397	354	386	403	458	386	391	350	392	4,742

Cause of Death.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
											Borough of
32. Old age	2	5	1	6	3	1	3	3	4	5	4
33. Violent deaths	15	5	8	8	12	14	12	16	6	8	1
a. Sunstroke	..	..	..	..	..	..	..	..	..	..	–
b. Other accidents	13	4	7	8	11	12	12	13	5	7	5
c. Homicide	2	..	..	..	..	..	..	..	..	..	..
d. Suicide	..	1	1	..	1	2	..	3	1	1	3
34. All other causes	19	14	22	19	15	13	12	18	15	22	14
35. Ill-defined causes	2	..	..	..	1	..	..	10	7	4	..
Under one year	8	15	25	22	20	18	58	86	45	30	7
One year and under two years	3	3	5	1	2	3	6	17	9	9	8
Total under five years	16	21	30	26	25	23	70	113	60	40	21
Sixty-five years and over	39	33	41	47	28	19	23	32	18	37	29
Seventy years and over	29	21	34	36	20	12	20	20	13	26	24
Males	83	73	83	77	69	68	93	117	90	92	67
Females	53	45	64	52	46	35	51	85	35	61	26
Colored	3	3	5	3	4	1	5	4	3	4	..
Chinese	..	..	..	..	..	..	..	..	..	..	..

Richmond.		City of New York.												
Dec.	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
3	40	73	60	72	60	55	42	58	38	47	51	53	74	683
8	120	398	387	330	377	426	466	521	457	387	396	388	378	4,911
..	..	..	..	..	..	..	20	41	11	2	..	..	..	74
7	104	314	317	251	298	341	373	395	351	305	319	299	279	3,842
..	2	29	18	24	26	16	21	32	31	19	24	24	21	285
1	14	55	52	55	53	69	52	53	64	62	53	65	78	710
15	198	877	793	859	797	766	778	791	799	730	756	686	784	9,416
1	25	52	28	51	37	37	40	76	129	100	79	35	33	697
18	352	1,307	1,209	1,336	1,285	1,175	1,184	2,292	2,560	1,650	1,315	956	1,168	17,437
1	67	290	354	350	365	371	377	503	656	370	312	230	305	4,493
23	468	1,918	1,874	2,036	1,986	1,907	1,909	3,221	3,591	2,301	1,845	1,411	1,795	25,794
37	383	1,281	1,164	1,203	1,009	982	823	742	755	722	937	911	1,393	11,922
29	284	889	799	816	698	661	570	494	488	493	603	613	953	8,077
86	998	3,926	3,665	3,926	3,743	3,653	3,351	3,892	3,992	3,205	3,372	3,009	3,910	43,644
56	609	3,359	3,058	3,248	2,962	2,795	2,642	3,126	3,324	2,600	2,578	2,609	3,260	35,561
2	39	210	178	204	214	189	206	200	220	165	161	178	194	2,319
..	..	4	5	8	4	12	7	8	6	9	12	2	3	80

Actual Number of Deaths from Zymotic and

BOROUGH OF

Wards.	Area in Acres.	Population by Census of 1900.	Number of Persons to the Acre.	Cerebro-spinal Meningitis.	Diphtheria and Croup.	Typhoid Fever.	Malarial Fever.
First	154.0	9,516	61.8	13	10	4	..
Second	81.0	1,488	18.4	..	1	1	..
Third	95.0	1,797	18.9	..	3	6	..
Fourth	83.0	19,554	235.7	15	18	4	..
Fifth	168.0	8,298	49.4	6	1	4	..
Sixth	86.0	20,004	232.7	9	6	3	..
Seventh	198.0	89,237	450.7	28	48	14	2
Eighth	183.0	29,059	158.8	1	18	4	..
Ninth	322.0	59,650	185.2	21	33	18	1
Tenth	110.0	71,879	653.4	18	41	7	..
Eleventh	196.0	99,144	505.8	31	53	10	..
Twelfth	5,504.0	476,602	86.6	100	155	127	6
Thirteenth	107.0	64,117	599.2	15	28	6	..
Fourteenth	96.0	34,035	354.5	12	26	4	..
Fifteenth	198.0	24,066	121.5	4	7	5	..
Sixteenth	349.0	52,808	151.3	7	20	11	..
Seventeenth	331.0	130,796	395.1	29	70	15	..
Eighteenth	450.0	61,325	136.3	14	46	9	..
Nineteenth	1,481.0	257,448	173.8	40	120	34	1
Twentieth	444.0	89,798	202.2	21	40	15	1
Twenty-first	411.0	60.211	146.5	17	25	18	1
Twenty-second	1,529.0	189,261	123.7	32	72	53	4
Total	12,576.0	1,850,093	147.2	433	841	372	16

* Includes deaths of Manhattan residents from pulmonary tuberculosis

BOROUGH OF

Twenty-third	4,267.0	132,413	31.0	23	144	40	2
Twenty-fourth	22,255.8	43,009	1.9	15	30	8	3
Total	26,522.8	175,422	6.6	38	174	48	5

'ertain other Preventable Diseases, by Wards.

IANHATTAN.

Measles.	Scarlet Fever.	Small-pox.	Whooping Cough.	Diarrheal Diseases.	Tuberculosis Pulmonalis.	* Tuberculosis Pulmonalis.	Pneumonia.	Broncho-Pneumonia.	All Causes.	Deaths in Institutions.	Deaths of Children under 5 Years.
3	4	..	1	36	61	74	46	34	454	61	112
..	..	..	..	..	14	15	3	4	41	..	6
2	..	..	..	2	17	20	8	7	110	..	16
10	3	..	2	46	91	110	67	81	636	52	236
..	4	..	1	24	39	46	18	24	296	355	66
6	3	..	1	41	99	120	66	63	532	17	188
17	28	..	7	137	124	135	120	153	1,482	612	646
11	4	..	1	75	93	116	73	78	695	31	262
14	11	..	5	141	227	259	170	132	1,809	627	499
15	22	..	4	102	129	144	72	96	1,022	..	435
19	26	..	9	130	121	138	96	145	1,405	101	661
79	61	..	56	780	975	1,169	863	880	10,652	2,926	3,201
10	16	..	3	72	58	68	65	78	780	..	359
19	7	..	2	105	61	70	98	167	823	4	471
5	4	..	3	35	58	67	53	47	540	7	136
7	13	..	1	81	167	200	107	61	1,267	..	249
20	25	..	9	283	274	315	196	298	2,535	142	1,065
8	23	1	4	131	208	239	121	119	1,723	1,997	610
61	36	..	30	711	719	825	351	450	6,533	5,021	2,650
11	15	..	7	142	284	324	174	110	1,857	127	478
3	16	..	7	107	268	291	159	105	1,789	3,170	426
7	23	..	15	349	483	578	351	279	4,338	836	1,217
327	344	1	168	3,530	4,570	5,323	3,277	3,411	41,319	16,086	13,989

in the Borough of The Bronx, distributed according to previous residences.

THE BRONX.

95	64	..	19	295	965	..	252	152	4,206	1,781	1,147
8	13	..	14	107	495	..	145	101	2,173	797	509
103	77	..	33	402	1,460	..	397	253	6,379	2,578	1,656

Wards.	Area in Acres.	Population by Census of 1900.	Number of Persons to the Acre.	Cerebro-spinal Meningitis.	Diphtheria and Croup.	Typhoid Fever.
First	233.0	20,307	87.2	2	9	1
Second	97.7	8,565	87.7	1	4	1
Third	161.4	17,949	111.2	..	4	1
Fourth	111.3	12,568	112.9	..	4	1
Fifth	119.4	18,862	158.0	2	4	1
Sixth	302.9	42,485	140.2	11	45	30
Seventh	458.5	40,471	88.3	2	6	3
Eighth	1,843.2	52,414	28.4	7	35	21
Ninth	623.6	42,876	68.8	6	17	7
Tenth	318.7	39,100	122.7	2	24	1
Eleventh	252.6	22,608	89.5	4	8	6
Twelfth	663.1	30,354	45.8	4	18	4
Thirteenth	230.3	24,029	104.3	1	7	13
Fourteenth	282.6	31,483	111.4	2	22	4
Fifteenth	244.8	30,269	123.6	5	20	3
Sixteenth	244.8	56,550	231.0	4	9	..
Seventeenth	823.3	57,309	69.6	3	27	5
Eighteenth	873.0	25,133	28.8	10	14	16
Nineteenth	413.8	37,645	91.0	4	13	5
Twentieth	461.4	25,446	55.1	4	5	12
Twenty-first	483.2	58,957	122.0	1	25	5
Twenty-second	1,361.6	66,575	48.8	12	19	15
Twenty-third	736.0	61,813	84.0	3	10	17
Twenty-fourth	1,198.5	31,767	26.5	10	20	33
Twenty-fifth	567.8	48,328	85.1	3	21	9
Twenty-sixth	3,590.2	66,086	18.4	9	17	7
Twenty-seventh	400.7	43,961	109.7	1	23	6
Twenty-eighth	884.4	77,912	88.1	5	22	17
Twenty-ninth	3,800.0	27,188	7.2	19	126	15
Thirtieth	5,404.1	24,700	4.6	6	17	4
Thirty-first	6,312.3	14,609	2.3	1	6	1
Thirty-second	5,479.5	8,243	1.5	1	2	2
Total	38,977.8	1,166,582	29.9	145	603	271

OKLYN.

Malarial Fever.	Measles.	Scarlet Fever.	Small-pox.	Whooping Cough.	Diarrheal Diseases.	Tuberculosis Pulmonalis.	Pneumonia.	Broncho-pneumonia.	All Causes.	Deaths in Institutions.	Deaths of Children under 5 Years.
..	2	3	..	2	52	21	30	25	369	83	128
1	..	2	..	1	16	18	15	13	171	..	60
..	..	2	..	..	21	28	26	13	277	28	79
..	..	4	..	1	19	17	17	8	191	3	43
..	1	2	..	5	59	35	43	40	358	..	160
3	4	18	..	5	74	426	140	81	1,622	863	331
2	4	3	..	2	51	50	50	50	642	4	182
2	6	7	..	7	132	100	113	93	1,247	179	471
1	4	7	..	5	77	65	89	42	863	198	252
..	7	12	..	8	90	65	76	58	727	..	313
..	6	5	..	4	69	43	56	36	643	246	219
2	5	11	..	2	72	56	58	69	607	..	239
1	1	4	..	..	37	37	64	22	624	253	142
..	7	11	..	7	118	42	60	55	637	..	333
1	11	12	..	4	95	59	67	82	648	..	308
..	8	6	..	4	94	45	73	74	669	..	349
3	2	17	..	2	153	92	86	91	1,068	4	396
..	8	7	..	3	101	92	67	54	836	313	301
1	2	2	..	3	37	44	62	25	564	23	148
..	2	2	..	4	62	106	63	33	762	357	150
2	8	11	..	8	93	82	63	60	903	7	322
6	3	9	..	4	104	67	115	65	1,258	274	347
1	..	7	..	7	67	84	68	33	1,053	180	189
2	2	4	..	8	78	179	102	48	1,164	537	249
3	3	5	..	9	66	75	62	29	844	83	225
2	15	19	..	20	226	121	112	109	1,475	91	713
1	4	6	..	2	109	60	47	58	720	37	296
2	1	7	..	10	91	112	100	59	1,411	238	320
2	163	108	8	5	143	229	116	92	2,401	1,856	620
3	9	5	..	9	104	32	55	50	767	142	340
..	..	2	..	3	53	20	19	14	368	42	120
1	..	1	..	..	20	13	8	1	154	1	47
42	288	321	8	154	2,583	2,515	2,122	1,582	26,043	6,032	8,392

BOROUGH OF

Wards.	Area in Acres.	Population by Census of 1900.	Number of Persons to the Acre.	Cerebro-spinal Meningitis.	Diphtheria and Croup.	Typhoid Fever.
First	4,650	48,272	10.4	4	36	15
Second	14,700	40,903	2.8	3	20	3
Third	22,000	25,870	1.2	1	15	4
Fourth	36,600	30,761	.8	10	25	12
Fifth	3,770	7,193	1.9	1	..	2
Total	81,720	152,999	1.9	19	96	36

BOROUGH OF

Wards.	Area in Acres.	Population by Census of 1900.	Number of Persons to the Acre.	Cerebro-spinal Meningitis.	Diphtheria and Croup.	Typhoid Fever.
First	3,340	21,441	6.4	5	12	8
Second	4,130	13,200	3.2	2	3	4
Third	10,050	13,701	1.4	..	6	..
Fourth	8,180	9,516	1.2	..	4	1
Fifth	10,900	9,163	.8	..	1	..
Total	36,600	67,021	1.8	7	26	13

QUEENS.

Malarial Fever.	Measles.	Scarlet Fever.	Small-pox.	Whooping Cough.	Diarrheal Diseases.	Tuberculosis Pulmonalis.	Pneumonia.	Broncho-pneumonia.	All Causes.	Deaths in Institutions.	Deaths of Children under 5 Years.
..	1	14	..	7	124	81	100	79	1,132	217	353
..	..	14	..	7	148	117	81	87	1,081	12	408
2	1	3	..	4	41	38	42	24	540	95	162
2	3	8	..	5	89	64	60	64	895	135	309
..	..	4	..	..	26	7	11	15	209	68	57
4	5	43	..	23	428	307	294	269	3,857	527	1,289

RICHMOND.

Malarial Fever.	Measles.	Scarlet Fever.	Small-pox.	Whooping Cough.	Diarrheal Diseases.	Tuberculosis Pulmonalis.	Pneumonia.	Broncho-pneumonia.	All Causes.	Deaths in Institutions.	Deaths of Children under 5 Years.
..	..	7	..	5	52	75	58	28	726	447	155
1	1	..	..	..	19	21	15	14	228	47	53
..	..	1	..	6	27	17	20	13	238	26	75
1	2	3	..	3	69	19	17	9	268	99	145
..	2	..	..	1	8	15	17	10	147	11	40
2	5	11	..	15	175	147	127	74	1,607	630	468

Deaths According to Nativity of

Country.	Nativity of Deceased. Borough of—		
	Manhattan.	The Bronx.	Brooklyn.
United States	24,935	3,857	16,695
Ireland	5,265	800	2,942
Germany	3,263	732	2,466
Italy	1,761	211	865
Russia	1,701	176	752
England	743	112	617
Austro-Hungary	1,238	125	300
Scotland	227	58	211
British America	277	41	158
Switzerland	116	26	42
France	208	20	53
Bohemia	216	24	4
Roumania	161	12	49
Poland	66	8	53
Syria	11	3	11
Sweden	180	33	241
Norway	58	17	200
Denmark	45	9	43
Finland	43	16	31
Holland	36	6	35
Cuba	30	2	4
Other West Indies	119	10	44
Belgium	18	3	7
Spain	30	3	23
Greece	73	11	11
China	65	3	6
Australia	8	2	2
Other Foreign	111	18	64
Unknown	315	41	114
Mixed nationalities	....	....	....
Total	41,319	6,379	26,043

eceased and Parents of Deceased.

Nativity of Deceased.			Nativity of Parents of Deceased.					
Borough of—		City of New York.	Borough of—					City of New York.
Queens.	Richmond.		Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	
2,516	1,031	49,034	6,853	1,297	6,288	1,000	462	15,900
311	179	9,497	8,849	1,418	5,158	517	302	16,244
598	139	7,198	4,641	1,116	3,698	929	208	10,592
109	49	2,995	5,356	570	2,655	287	101	8,969
27	14	2,670	3,616	326	1,738	78	39	5,797
63	48	1,583	781	118	727	84	58	1,768
45	24	1,732	2,499	185	575	94	48	3,401
26	12	534	288	63	265	32	14	662
15	11	502	167	25	110	16	13	331
15	5	204	113	27	41	19	6	206
20	11	312	257	21	76	22	12	388
24	....	268	360	27	5	30	....	422
....	1	223	284	17	81	1	1	384
31	5	163	104	23	129	88	18	362
....	1	26	24	3	22	....	1	50
11	17	482	249	56	374	21	13	713
8	19	302	74	23	327	11	21	456
4	5	106	49	11	60	6	4	130
3	3	96	63	23	50	3	3	142
1	3	81	49	8	36	1	3	97
1	1	38	27	3	4	1	1	36
5	3	181	159	9	58	6	1	233
....	....	28	16	5	9	....	....	30
....	....	56	31	2	19	1	....	53
1	....	96	81	9	10	2	1	103
....	....	74	69	3	5	....	....	77
....	....	12	1	....	12	....	....	13
4	5	202	95	12	49	3	2	161
19	21	510	3,093	252	800	100	155	4,400
....	....	....	3,071	727	2,662	505	120	7,085
3,857	1,607	79,205	41,319	6,379	26,043	3,857	1,607	79,205

Deaths by Suicide in the Borough of Manhattan,

Nativity.	Austro-Hungary.		Bohemia.		England.		France.		Germany.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Cuts and stabs	2	..	..	..	1	..	1	..	..	..
Drowning	..	..	..	..	..	..	..	..	..	..
Gunshot	5	..	1	..	2	..	1	1	25	..
Hanging	4	..	1	..	..	..	2	..	13	1
Leaps	..	1	..	..	..	..	..	..	2	..
Fire	..	..	..	..	..	..	..	..	..	..
Illuminating gas	6	3	2	2	1	1	2	2	26	9
Arsenic	..	..	..	..	..	..	..	..	..	..
Bichloride of mercury	..	..	..	..	..	1	..	..	..	..
Carbolic acid	..	1	..	..	..	..	..	..	1	..
Caustic potash	..	..	..	..	..	..	..	..	..	..
Chloroform	..	..	..	..	..	..	..	..	..	..
Cocaine	..	..	..	..	..	..	..	..	..	..
Hydrocyanic acid	..	..	..	..	..	..	..	..	2	..
Lye	..	..	..	..	..	..	..	..	..	..
Lysol	..	..	..	..	..	1	..	..	..	..
Opium	..	..	..	..	..	1	..	..	..	..
Oxalic acid	..	..	..	..	..	..	1	..	..	..
Paris green	..	..	..	..	..	..	..	..	..	..
Potassium cyanide	1	..	..	..	..	..	..	..	..	..
Rat poison	..	..	..	..	..	..	..	..	..	..
Railroads	..	..	..	..	..	..	..	..	1	..
Strychnine	..	..	..	..	..	..	..	..	..	1
Total by sexes	18	5	4	2	4	4	7	3	70	11

Year Ending December 31, 1907.

Ireland.		Italy.		Russia Poland.		Other foreign countries.		United States.		Unknown.		Total by Sexes.		Total both Sexes.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
3	..	1	..	..	..	2	1	6	1	..	..	16	2	18
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	..	11	..	4	1	10	..	39	7	10	..	110	9	119
3	..	1	1	9	1	2	..	5	1	4	1	44	5	49
1	1	5	1	4	..	..	2	9	4	..	..	21	9	30
1	..	..	..	..	..	..	..	..	..	..	..	1	..	1
2	2	1	..	4	2	4	4	26	8	3	2	77	35	112
..	1	..	..	..	..	..	..	..	..	..	..	..	1	1
..	..	..	2	..	..	..	1	1	..	..	..	1	4	5
..	2	..	..	4	2	..	..	6	6	1	1	12	12	24
1	..	..	..	..	..	..	..	..	..	..	..	1	..	1
..	..	..	..	..	..	..	..	2	..	..	..	2	..	2
..	..	..	..	..	..	..	..	1	..	..	..	1	..	1
..	..	..	..	..	..	..	..	5	..	1	..	8	..	8
1	..	..	..	..	..	..	..	..	..	..	..	1	..	1
..	..	..	..	..	..	..	..	1	..	..	..	1	1	2
..	..	..	..	..	..	1	..	..	..	..	..	1	1	2
..	..	..	..	..	..	..	..	1	..	..	..	2	..	2
1	..	..	..	1	..	..	..	..	..	..	..	2	..	2
..	..	..	..	..	..	..	..	5	1	..	..	6	1	7
..	..	..	..	1	..	..	..	..	..	..	..	1	..	1
..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
..	..	..	..	..	..	..	..	2	..	..	..	2	1	3
15	6	19	4	27	6	19	8	109	28	19	4	311	81	392

Nativity.	Austro-Hungary.		Bohemia.		England.		France.		Germany.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Cuts and stabs	3	..	..	..	1	..	1	..	2	1
Drowning	..	..	..	..	..	..	..	..	..	..
Gunshot	9	..	1	..	3	..	1	1	57	1
Hanging	6	..	1	..	2	..	4	..	34	4
Leaps	..	1	..	..	..	..	..	..	4	1
Railroads	..	..	..	..	..	..	..	..	..	1
Fire	..	..	..	..	..	..	..	..	..	..
Illuminating gas	9	4	2	2	6	1	2	2	47	1
Ammonia	..	..	..	..	..	..	..	..	..	..
Arsenic	..	..	..	..	..	..	..	..	1	..
Bichloride of mercury	..	..	..	..	..	1	..	..	..	..
Carbolic acid	..	1	..	..	1	..	..	..	2	..
Caustic potash	..	..	..	..	..	..	..	..	..	..
Chloroform	..	..	..	..	..	..	..	..	..	..
Cocaine	..	..	..	..	..	..	..	..	..	..
Creosote	..	..	..	..		..	..	..	..	..
Hydrocyanic acid	..	..	..	..	..	..	..	..	2	..
Iodine	..	..	..	..	..	..	..	..	..	..
Irritant poison	..	..	..	..	..	..	..	..	2	..
Lye	..	..	..	..	..	..	..	..	..	..
Lysol	..	..	..	..	..	1	..	..	..	..
Morphine	..	..	..	..	..	..	..	..	1	..
Muriatic acid	..	..	..	..	..	..	..	..	..	..
Opium	..	..	..	..	..	1	..	..	..	..
Oxalic acid	..	..	..	..	..	1	1	..	..	..
Paris green	..	..	..	..	..	..	..	..	..	..
Potassium cyanide	1	..	..	..	..	..	..	..	2	..
Rat poison	..	..	..	..	..	..	..	..	..	..
Strychnine	..	..	..	..	..	..	..	..	1	..
Wood alcohol	..	..	..	..	..	..	..	..	..	..
	28	6	4	2	13	5	9	3	155	27

Year Ending December 31, 1907.

Ireland.		Italy.		Russia Poland.		Other foreign countries.		United States.		Unknown.		Total. by Sexes.		Total both Sexes.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
4	..	1	..	..	..	4	2	11	2	..	..	27	5	32
..	..	..	..	1	1	1	..	1	1	..	..	3	2	5
5	..	13	1	6	2	18	..	74	9	11	..	198	14	212
4	..	2	2	12	1	2	1	16	7	5	1	88	16	104
1	1	5	1	4	..	1	3	11	6	..	..	26	14	40
..	..	..	..	..	..	..	..	3	..	..	..	3	1	4
1	..	..	..	..	..	..	..	..	..	..	..	1	..	1
2	4	2	1	4	3	10	5	50	20	7	2	141	60	201
..	..	..	..	..	..	..	..	..	1	..	..	..	1	1
1	1	..	..	1	1	..	..	..	..	..	..	3	2	5
..	..	..	2	..	..	..	2	1	1	..	..	1	7	8
2	2	..	..	6	2	2	2	15	8	2	1	30	17	47
1	..	..	..	..	..	..	..	..	..	..	..	1	..	1
..	..	..	..	..	..	1	..	2	1	..	..	3	1	4
..	..	..	..	..	..	..	..	1	..	..	..	1	..	1
..	..	..	..	..	..	..	..	1	..	..	..	1	..	1
..	..	..	..	..	..	..	..	5	..	1	..	8	..	8
..	..	..	..	..	..	..	..	..	2	..	..	..	2	2
..	..	..	..	..	..	..	..	..	..	..	..	2	..	2
1	..	..	..	..	..	..	..	..	..	..	..	1	..	1
..	..	..	..	..	..	..	..	1	..	..	..	1	1	2
..	..	..	..	..	..	..	..	1	..	..	..	2	..	2
..	..	..	..	..	..	..	..	1	..	..	..	1	..	1
..	..	..	..	..	..	1	..	2	1	..	..	3	2	5
..	..	..	..	..	..	..	..	1	..	..	..	2	1	3
..	..	..	..	..	..	..	..	1	..	..	..	1	..	1
..	..	..	..	1	..	1	..	6	1	..	..	11	1	12
..	..	..	..	1	..	..	..	..	..	..	..	1	..	1
..	..	..	..	..	..	..	..	2	..	..	..	3	..	3
..	..	..	..	..	..	..	..	..	1	..	..	..	1	1
22	8	23	7	36	10	41	15	206	61	26	4	563	148	711

Deaths by Accident and Negligence.

	Borough of					City of New York.
	Manhattan.	The Bronx.	Brooklyn.	Queens	Richmond.	
Fractures and Contusions—						
Crushed by boats	1	..	..	..	..	1
" by derricks	3	1	3	..	..	7
" by elevators	50	..	5	2	..	57
" by explosions	8	..	..	..	..	8
" by machinery	17	1	13	2	2	35
" by falling buildings	10	..	..	..	..	10
" by falling rocks, stones, etc.	19	..	13	5	1	38
" by falling bodies	39	8	19	2	2	70
Other causes	12	4	6	2	3	27
Not specified by Coroners	159	7	24	12	..	202
Falls—						
Down air-shafts	4	1	..	..	..	5
" areaways	4	..	3	..	..	7
" elevator shafts	31	1	3	..	..	35
" stairs	67	5	45	7	2	126
From buildings	59	6	20	3	1	90
" fire-escapes	21	1	5	..	..	27
" scaffolds	12	3	7	1	4	27
" windows	98	13	28	1	..	140
On shipboard	10	..	23	1	1	35
On streets and sidewalks	34	..	20	4	2	60
Others	90	15	58	22	4	189
Not specified by Coroners	95	7	25	4	..	131
Street vehicles—						
Run over by wagons, trucks, etc.	163	12	53	4	4	236
Run over by automobiles	23	4	9	6	..	42
Falls from wagons, trucks, etc.	41	7	25	6	3	82
Other vehicle accidents	9	5	3	3	..	20
Railroads—						
Electric roads	100	23	131	14	3	271
Steam roads	23	76	16	50	13	178
Elevated roads	9	3	3	..	..	15

	Borough of					City of New York.
	Manhattan.	The Bronx.	Brooklyn.	Queens	Richmond.	
Railroads—						
Subways	8	2	..	..	..	10
Horse cars	9	..	..	..	..	9
Not specified by Coroners	27	1	2	..	3	33
Wounds—						
Gunshot	13	1	6	7	..	27
Incised	4	1	4	2	..	11
Lacerated	5	..	..	..	..	5
Others	16	..	6	3	..	25
Not specified by Coroners	4	1	7	..	..	12
Burns—						
Conflagrations	41	..	22	3	..	66
Oil and gas stoves	6	2	4	..	..	12
Other stoves	19	7	11	1	2	40
Lamps	4	..	7	..	..	11
Playing with matches	10	5	12	1	1	29
Other causes	12	8	34	11	6	71
Not specified by Coroners	79	1	21	3	..	104
Scalds—						
By hot fluids	58	7	27	8	4	104
" steam	1	..	5	..	..	6
Sunstroke	33	2	38	6	..	79
Electric current	6	6	10	10	4	36
Drowning	213	36	115	38	34	436
Neglect and exposure	5	1	4	2	1	13
Illuminating gas	225	11	97	20	3	356
Other gases	8	1	2	1	1	13
Poisons—						
Acetanilid	1	..	..	..	..	1
Alcohol	1	1	1	..	..	3
Alkaloid	1	..	..	..	..	1
Ammonia	1	..	..	..	..	1
Anti-Toxic	1	..	..	..	..	1
Arsenic	..	..	2	..	..	2
Bichloride of mercury	6	1	1	..	..	8
Carbolic acid	2	..	5	..	..	7
Chloral	1	..	..	..	..	1

	Borough of					City of New York
	Manhattan.	The Bronx.	Brooklyn.	Queens	Richmond.	
Poisons—						
Chloral hydrate	1	..	..	..	..	1
Cocaine	2	..	2	1	..	5
Diarrhea mixture	1	..	..	..	..	1
Iodine	..	..	1	..	..	1
Irritant poison	..	..	1	..	..	1
Liniment	..	..	1	..	..	1
Lye	1	..	..	..	..	1
Lysol	1	..	1	..	..	2
Morphine	6	..	3	..	..	9
Muriatic acid	..	..	1	..	..	1
Mushrooms	1	..	..	..	..	1
Nicotine	..	..	..	1	..	1
Opium	5	..	5	..	..	
Oxalic acid	2	..	..	..	..	2
Paregoric	..	..	..	1	..	1
Potash	1	..	..	..	..	1
Ptomaines	9	1	10	2	..	22
Resin oil	1	..	..	..	..	1
Sulphuric acid	1	..	..	..	..	1
Wood alcohol	4	..	..	..	..	4
Unknown poisons	8	..	1	..	..	9
Suffocation—						
Caving in of embankment	2	2	..	1	..	5
Food in larynx	5	..	1	..	..	6
Foreign body in larynx	4	..	1	..	..	5
Overlaid by mother	9	2	12	4	..	27
Other causes	16	..	2	2	..	20
Not specified by Coroners	1	..	..	..	..	1
Circumcision	13	..	8	1	..	22
Criminal abortion	28	6	11	1	..	46
Surgical operation	5	..	..	..	..	5
Caisson disease	12	..	2	3	..	17
Tetanus	13	4	16	3	..	36
Hydrophobia	13	1	11	3	..	28

RECAPITULATION.

	Borough of					City of New York.
	Manhattan.	The Bronx.	Brooklyn.	Queens	Richmond.	
Fractures and contusions	318	21	83	25	8	455
Falls	525	52	237	43	14	871
Vehicles	236	28	90	19	7	380
Railroads	176	105	152	64	19	516
Wounds	42	3	23	12	..	80
Burns	130	23	89	16	9	267
Scalds	59	7	32	8	4	110
Conflagrations	41	..	22	3	..	66
Sunstroke	33	2	38	6	..	79
Electric current	6	6	10	10	4	36
Drowning	213	36	115	38	34	436
Illuminating gas	225	11	97	20	3	356
Other gases	8	1	2	1	1	13
Neglect and exposure	5	1	4	2	1	13
Poison	58	3	35	5	..	101
Suffocation	37	4	16	7	..	64
Circumcision	13	..	8	1	..	22
Criminal abortion	28	6	11	1	..	46
Surgical operation	5	..	..	..	..	5
Caisson disease	12	..	2	3	..	17
Tetanus	13	4	16	3	..	36
Hydrophobia	13	1	11	3	..	28
Total deaths from accident and negligence	2,106	314	1,093	290	104	3,997

Deaths in Institutions for Year Ending December 31, 1907.

Borough of Manhattan.

Babies' Hospital	291
Bellevue Hospital	3,057
Beth Israel Hospital	29
City Hospital	297
Columbus Hospital	94
Flower Hospital	158
Foundling Hospital	1,140
French Hospital	94
General Memorial Hospital	38
German Hospital	283
Gouverneur Hospital	340
Hahnemann Hospital	56
Harlem Hospital	527
Home for Aged, Little Sisters of the Poor	119
Home for Aged Hebrews	35
House of Relief	347
Immigrant Hospital, Ellis Island	53
Italian Hospital	31
J. Hood Wright Hospital	175
Lying-In Hospital	291
Manhattan State Hospital	474
Maternity Hospital	124
Metropolitan Hospital	1,178
Montefiore Home	111
Mt. Sinai Hospital	620
New York City Home and Hospital	588
New York Hospital	540
New York Eye and Ear Hospital	30
New York City School and Hospital	60
New York Infant Asylum	169
New York Infirmary for Women and Children	7
Nursery and Child's Hospital	89
Polyclinic Hospital	67
Post Graduate Hospital	456
Presbyterian Hospital	514
Reception Hospital	91
Roosevelt Hospital	484
St. Gregory's Hospital	52
St. Francis Hospital	101

St. Luke's Hospital	308
St. Mark's Hospital	87
St. Mary's Free Hospital	25
St. Vincent's Hospital	587
Skin and Cancer Hospital	28
Sloane Maternity Hospital	92
Sydenham Hospital	160
Trinity Hospital	8
Willard Parker Hospital	472
Workhouse Hospital	68
Other Institutions	831
Total	16,086

Borough of The Bronx.

Fordham Hospital	248
Home for Incurables	78
Lebanon Hospital	330
Lincoln Hospital and Home	343
Odd Fellows Home	8
Riverside Hospital	320
St. Francis Hospital	179
St. Joseph's Hospital	595
Seton Hospital	344
Workhouse (Branch, Hart's Island)	74
Other Institutions	59
Total	2,578

Borough of Brooklyn.

Angel Guardian Home	112
Bradford Street Hospital	10
Baptist Home	10
Brooklyn Hospital	239
Bushwick Hospital	84
Bethany Deaconess' Home	37
Cumberland Street Hospital	349
Eastern District Hospital	99
German Hospital	172
German Evangelical Home	64
Home for Aged, Little Sisters of the Poor	76
Home for Consumptives	110
House of Good Shepherd	10

Infants' Hospital	40
Jewish Hospital	140
Kings County Hospital	994
Kings County Emergency Hospital	16
Kingston Avenue Hospital	405
Long Island College Hospital	297
Long Island State Hospital	104
Lutheran Hospital	35
Methodist Episcopal Hospital	214
Memorial Hospital	15
New York City Home for Aged and Infirm	353
Norwegian Hospital	161
Prospect Heights Hospital	34
Swedish Hospital	50
St. Catherine's Hospital	311
St. Christopher's Hospital	72
St. John's Hospital	98
St. Mary's Hospital	322
St. Mary's Maternity Hospital	21
St. Peter's Hospital	560
Seaside Home	12
Samaritan Hospital	18
United States Naval Hospital	23
Williamsburgh Hospital	150
Other Institutions	225
Total	6,042

Borough of Queens.

Flushing Hospital	87
Jamaica Hospital	58
River Crest Sanitarium	21
St. John's Hospital	195
St. Joseph's Hospital	54
St. Mary's Hospital	72
Other Institutions	40
Total	527

Borough of Richmond.

Lake View Home	1
Fort Wadsworth Reservation	2
Mariners' Family Asylum	2

Mount Loretto	11
New York City Farm Colony	26
Sailor's Snug Harbor	88
St. Vincent's Hospital	189
S. R. Smith Infirmary	168
Seaside Hospital	97
United States Marine Hospital	46
Total	630

RECAPITULATION.

Prisons	196
Hospitals	21,494
Institutions for Insane	578
Institutions for Children	2,015
Homes for Aged	1,208
Almshouses	480
Other Institutions	192
Total	25,863

Disposition of the Dead and of Still-born Infants, City of New York

CEMETERIES.

Borough of Manhattan—	
Marble	18
St. Mark's Churchyard	1
Trinity	41
Trinity Churchyard	1
Total	61
Borough of The Bronx—	
City	5,744
Pelham Bay	12
St. Raymonds	2,384
Woodlawn	2,233
Total	10,373

Borough of Brooklyn—

Canarsie	36
Cedar Grove	39
County Farms	1,336
Cypress Hills	734
Evergreen	950
Flatbush	5
Friends'	20
Gravesend	18
Greenwood	4,152
Holy Cross	6,445
Holy Trinity	1,783
Maimonides	122
Mount Hope	124
National	103
New Lots	3
New Utrecht	1
Salem Fields	239
United Jewish Congregations	48
Washington	3,304
Total	19,462

Borough of Queens—

Acacia	310
Aqueduct	2
Bayside	493
Calvary	21,974
Cedar Grove	492
Cypress Hills	1,462
Evergreen	4,236
Flushing	303
Grace Church	19
Linden Hill	2,173
Lutheran	5,724
Macpelah	211
Maple Grove	237
Methodist Episcopal	2
Mount Carmel	36
Mount Nebo	188
Mount Olivet	2,460

Borough of Queens—

Mount St. Mary's	295
Mount Zion	3,931
New Union Fields	252
Presbyterian Churchyard	1
Prospect	53
Springfield	43
St. George's	5
St. James'	6
St. John's	1,905
St. Mary's	9
St. Michael's	1,974
St. Monica	124
Troytown	2
Union Fields	561
United States Crematory	937
Zion	11
Total	50,331

Borough of Richmond—

Baron Hirsch	289
Bethel	21
City Farm Colony	91
Fairview	95
Fountain	27
Hillside	7
Lake	84
Merrill	2
Moravian	292
Mount Loretto	9
New Springville	11
Ocean View	5
Sailor's Snug Harbor	65
Sandy Ground, A. M. E. Zion	3
St. Andrew's	3
St. John's Lutheran	2
St. Joseph's	30
St. Luke's	7
St. Mary's, Carmelite	5
St. Mary's, Third Ward	50
St. Mary's, Fourth Ward	164

Borough of Richmond—

St. Michael's	1
St. Peter's	128
Silver Lake	1,715
Silver Mount	93
Staten Island	1
Sylvan	6
Vaughn	1
West Baptist	3
Woodland	187
Woodrow Church	9
Total	3,406

RECAPITULATION.

Borough of—

Manhattan	61
The Bronx	10,373
Brooklyn	19,462
Queens	50,331
Richmond	3,406
Total	83,633

Deaths of Persons 100 Years of Age and Over.

Date of Death.	Name.	Age.			Nativity.	Cause of Death.	Borough of—					City of New York.
		Years.	Months.	Days.			Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	
1907.												
Feb. 28..	Bridget Stanton...	100	..	..	Ireland.....	Old age.....	1	..	..	..	..	1
Jan. 8...	Mary Richardson..	100	..	..	"	Bronchitis.....	..	..	..	..	1	1
Mar. 4..	Maria Chalonplea..	101	..	..	Bohemia.....	"	1	..	..	..	..	1
Jan. 7...	Honora Herbert....	101	..	..	Ireland.....	Old age.....	..	1	..	..	..	1
Feb. 4...	Densila O. Merrell.	102	..	..	United States.	Bronchitis.....	..	..	1	..	..	1
Jan. 17..	Anna Clifford.....	103	..	..	Ireland.....	Pneumonia.....	..	1	..	..	..	1
Feb. 20..	Fanny Schlacher...	114	..	..	Austria.....	"	1	..	..	..	..	1
Apr. 1...	John O'Keefe.....	101	..	..	Ireland.....	Apoplexy.....	..	..	1	..	..	1
" 2...	Rose Lynch.....	108	..	..	"	Old age.....	..	..	1	..	..	1
Sept. 10.	Lucy Canwell.....	103	..	..	United States.	Heart Disease..	..	..	1	..	..	1
Aug. 21.	Townsend Miller..	106	..	..	"	Senile Gangrene	..	..	..	1	..	1
July 30..	Cath. Gilligan.....	107	..	..	Ireland.....	Gangrene.....	..	1	..	..	..	1
Oct. 5...	Theresa May.....	102	..	..	Germany.....	Senility.....	..	1	..	..	..	1
Nov. 25..	Margaret Horn....	100	..	..	Ireland.....	Broncho-pneumonia.....	1	..	..	..	..	1
Dec. 8..	Moses Agust.....	101	..	..	Russia.....	Chronic Ulcer of Leg.. ...	1	..	..	..	..	1
" 10..	Hannah Morochina	107	..	..	"	Senility.....	1	..	..	..	..	1
" 11..	Leo Raphelowitz..	102	..	..	"	Old age.....	1	..	..	..	..	1
Oct. 12..	Tony Friedman....	100	2	4	Hungary.....	"	..	..	1	..	..	1
Dec. 7..	Anna Freimark....	101	..	..	Russia.....	Chr. Bronchitis.	..	..	1	..	..	1
" 11..	Marg't Carpenter..	101	4	16	United States.	Old age.....	..	..	1	..	..	1
						Total.....	7	4	7	1	1	20

BOROUGH

Report of Births for the Year

	Total.	White.		Colored.		Chinese.		Native Parents.	
		M.	F.	M.	F.	M.	F.	M.	F.
January	5,939	2,939	2,897	55	47	..	1	519	519
February	5,058	2,549	2,413	57	38	1	..	468	471
March	5,435	2,710	2,622	48	54	1	..	506	572
April	5,533	2,782	2,651	54	45	1	..	457	482
May	5,281	2,707	2,473	47	52	1	1	548	487
June	5,063	2,572	2,388	40	63	..	..	499	450
July	5,872	2,943	2,793	65	69	2	..	573	535
August	5,926	2,970	2,832	59	64	1	..	546	513
September	5,349	2,679	2,582	39	47	..	2	501	439
October	5,759	2,959	2,689	51	60	..	..	573	500
November	5,051	2,502	2,447	57	43	..	2	432	455
December	5,507	2,751	2,634	52	65	2	3	480	500
Total	65,773	33,063	31,421	624	647	9	9	6,102	5,872

* This column represents the number of foreign mother

CITY O

Report of Births for the Year

	Total.	White.		Colored.		Chinese.		Native Parents.	
		M.	F.	M.	F.	M.	F.	M.	F.
January	10,611	5,256	5,197	89	68	..	1	1,275	1,200
February	9,025	4,550	4,316	95	63	1	..	1,174	1,058
March	9,658	4,850	4,653	81	73	1	..	1,218	1,205
April	10,164	5,147	4,867	82	67	1	..	1,229	1,200
May	9,445	4,774	4,524	71	74	1	1	1,242	1,159
June	9,146	4,590	4,415	55	86	..	..	1,166	1,147
July	10,900	5,417	5,297	90	94	2	..	1,415	1,358
August	11,066	5,581	5,296	80	108	1	..	1,432	1,343
September	10,100	5,129	4,827	72	70	..	2	1,313	1,193
October	10,514	5,339	5,018	79	78	..	..	1,358	1,265
November	9,540	4,748	4,637	85	68	..	2	1,245	1,243
December	10,553	5,285	5,090	77	96	2	3	1,345	1,362
Total	120,722	60,666	58,137	956	945	9	9	15,412	14,843

* This column represents the number of foreign mothers

MANHATTAN.

Ending December 31, 1907.

Foreign Parents.		Mixed Parentage.		Unknown Parentage.		Foreign Mothers.*	Attended by Physician	Attended by Midwives	Apparently Illegitimate.	Twins.	Triplets.
M.	F.	M.	F.	M.	F.						
2,202	2,115	239	256	34	24	225	3,994	1,945	117	45	..
1,895	1,770	220	212	24	40	189	2,701	2,357	107	17	..
1,952	1,861	266	244	35	39	220	3,112	2,323	102	37	..
2,065	1,935	282	243	33	36	212	3,266	2,267	160	39	..
1,928	1,777	266	270	13	12	204	3,142	2,139	116	22	..
1,768	1,722	342	277	3	2	193	2,769	2,294	138	30	1
2,170	2,049	245	257	22	21	283	2,804	3,068	149	40	..
2,183	2,125	271	227	30	31	329	2,786	3,140	117	52	..
1,948	1,919	235	213	34	40	269	2,891	2,458	123	45	..
2,123	1,967	283	254	31	28	236	3,066	2,693	115	22	1
1,851	1,805	219	206	37	26	196	2,527	2,524	108	35	..
2,063	1,973	232	198	30	31	167	2,486	3,021	104	49	1
24,148	23,018	3,120	2,857	326	330	2,723	35,544	30,229	1,456	433	3

included in column headed Mixed Parentage.

NEW YORK.

Ending December 31, 1907.

Foreign Parents.		Mixed Parentage.		Unknown Parentage.		Foreign Mothers.*	Attended by Physician	Attended by Midwives	Apparently Illegitimate.	Twins.	Triplets.
M.	F.	M.	F.	M.	F.						
3,470	3,382	561	562	39	32	576	6,717	3,894	154	99	..
2,950	2,800	493	473	29	48	508	4,954	4,071	132	56	..
3,111	2,935	563	538	40	48	517	5,526	4,132	136	92	..
3,361	3,159	604	533	36	42	585	5,856	4,308	193	76	..
2,998	2,850	584	571	22	19	559	5,703	3,742	147	59	..
2,837	2,783	635	564	7	7	528	5,244	3,902	169	62	1
3,463	3,364	606	618	25	31	635	5,863	5,037	180	79	2
3,492	3,371	704	652	34	38	755	5,986	5,080	151	83	1
3,261	3,104	588	557	39	45	571	5,783	4,317	163	83	1
3,389	3,230	633	571	38	30	551	5,793	4,711	157	53	1
2,966	2,926	577	510	45	28	482	5,314	4,226	141	61	..
3,398	3,284	585	504	36	39	458	5,447	5,106	151	92	1
38,696	37,188	7,133	6,653	390	407	6,725	68,186	52,536	1,874	805	7

included in column *headed Mixed Parentage.*

Births by Nativities of Parents.

Country.	Borough of—										City of New York.	
	Manhattan.		The Bronx.		Brooklyn.		Queens.		Richmond.			
	Nativity of Both Parents.	Nativity of Mother Only in Mixed Parents.	Nativity of Both Parents.	Nativity of Mother Only in Mixed Parents.	Nativity of Both Parents.	Nativity of Mother Only in Mixed Parents.	Nativity of Both Parents.	Nativity of Mother Only in Mixed Parents.	Nativity of Both Parents.	Nativity of Mother Only in Mixed Parents.	Nativity of Both Parents.	Nativity of Mother Only in Mixed Parents.
Austro-Hungary	7,373	1,323	288	107	1,566	341	137	73	71	4	9,435	[illegible]
Bohemia	583	166	13	11	6	1	40	13	..	1	642	[illegible]
British America	80	194	23	38	45	59	3	27	12	10	163	[illegible]
England	249	496	49	97	164	378	47	66	26	18	535	[illegible]
France	111	130	3	15	7	28	13	9	3	..	137	[illegible]
Germany	1,693	816	481	222	1,299	643	508	219	133	40	4,114	[illegible]
Ireland	3,686	1,590	380	197	1,384	714	150	121	106	48	5,706	[illegible]
Italy	14,233	170	1,501	12	7,039	57	738	10	294	4	23,805	[illegible]
Russia and Poland	13,163	805	761	78	7,568	279	330	31	106	1	21,928	[illegible]
Scotland	103	158	38	29	71	111	17	19	14	7	243	[illegible]
Sweden	358	190	105	37	493	134	38	13	78	6	1,072	[illegible]
Switzerland	51	70	15	16	11	18	4	10	2	2	83	[illegible]
United States	11,986	3,779	2,838	857	12,125	2,665	2,497	615	821	178	30,267	[illegible]
Other Foreign	1,776	431	173	78	1,190	234	52	25	16	4	3,207	[illegible]
Unknown	5	5	25	..	2	..	..	..	..	..	32	[illegible]
Total	55,450	10,323	6,693	1,794	32,970	5,662	4,574	1,251	1,682	323	101,369	19,35[illegible]

Marriages Reported in the Borough

Months.	Total.	White.		Black.		Chinese.		Single.	
		M.	F.	M.	F.	M.	F.	M.	F.
January	3,045	2,935	2,938	109	107	1	..	2,891	2,854
February	2,827	2,761	2,762	64	65	2	..	2,708	2,689
March	2,275	2,192	2,195	79	78	4	2	2,175	2,146
April	2,824	2,744	2,746	79	78	1	..	2,643	2,640
May	2,356	2,257	2,259	98	97	1	..	2,210	2,180
June	3,690	3,590	3,590	100	100	..	..	3,517	3,507
July	2,412	2,328	2,328	83	84	1	..	2,271	2,254
August	2,624	2,519	2,524	104	100	1	..	2,411	2,399
September	2,589	2,469	2,469	119	119	1	1	2,424	2,396
October	2,964	2,843	2,844	119	119	2	1	2,728	2,734
November	3,029	2,931	2,937	97	92	1	..	2,831	2,834
December	3,194	3,098	3,099	94	94	2	1	2,986	2,943
Total	33,829	32,667	32,691	1,145	1,133	17	5	31,795	31,576

Marriages Reported in the City of

Months.	Total.	White.		Black.		Chinese.		Single.	
		M.	F.	M.	F.	M.	F.	M.	F.
January	4,344	4,201	4,204	142	140	1	..	4,047	4,057
February	4,089	4,001	4,002	86	87	2	..	3,853	3,838
March	3,317	3,208	3,211	105	104	4	2	3,118	3,087
April	4,247	4,122	4,124	124	123	1	..	3,919	3,941
May	3,573	3,446	3,448	126	125	1	..	3,290	3,282
June	5,754	5,604	5,604	150	150	..	..	5,405	5,412
July	3,859	3,736	3,736	122	123	1	..	3,596	3,575
August	3,794	3,662	3,666	131	128	1	..	3,459	3,448
September	4,086	3,953	3,933	152	152	1	1	3,743	3,747
October	4,608	4,439	4,441	166	166	3	1	4,197	4,223
November	4,577	4,451	4,458	125	119	1	..	4,223	4,254
December	4,849	4,691	4,692	156	156	2	1	4,461	4,446
Total	51,097	49,494	49,519	1,585	1,573	18	5	47,311	47,310

of Manhattan During Year 1907.

Widowed.		Divorced.		Native.		Foreign.		Religious Marriages.				Civil Marriages.	
M.	F.	M.	F.	M.	F.	M.	F.	Catholic.	Protestant.	Jewish	Ethical Culture.	Aldermanic.	Judicial.
134	161	20	30	1,076	1,154	1,969	1,891	655	1,114	1,042	1	223	10
97	101	22	37	1,030	1,080	1,797	1 747	954	861	803	3	203	3
74	99	26	30	680	741	1,595	1,534	199	727	1,022	1	322	4
143	149	38	35	1,049	1,110	1,775	1,714	911	1,171	345	1	392	4
128	141	18	35	705	770	1,651	1,586	685	773	628	..	266	4
145	141	28	42	1,225	1,324	2,465	2,366	828	1,436	1,132	2	287	5
117	129	24	29	1,116	1,189	1,296	1,223	824	1,038	351	3	192	4
182	184	31	41	942	1,001	1,682	1,623	508	983	729	..	400	4
147	165	18	28	1,048	1,092	1,541	1,497	902	1,016	335	..	335	1
209	197	27	33	1,090	1,158	1,874	1,806	733	1,217	777	..	233	4
171	166	27	29	1,117	1,174	1,912	1,855	946	1,033	720	..	322	8
179	206	29	45	1,081	1,185	2,113	2,009	743	1,084	1,003	2	355	7
1,726	1,839	308	414	12,159	12,978	21,670	20,851	8,888	12,453	8,887	13	3,530	58

New York During the Year 1907.

Widowed.		Divorced.		Native.		Foreign.		Religious Marriages.				Civil Marriages.	
M.	F.	M.	F.	M.	F.	M.	F.	Catholic.	Protestant.	Jewish	Ethical Culture.	Aldermanic.	Judicial.
268	247	29	40	1,714	1,815	2,630	2,529	914	1,860	1,260	1	299	10
207	204	29	47	1,635	1,749	2,454	2,340	1,283	1,596	944	3	260	3
162	188	37	42	1,153	1,258	2,164	2,059	323	1,352	1,257	1	380	4
275	260	53	46	1,817	1,935	2,430	2,312	1,247	2,068	455	1	472	4
254	241	29	50	1,259	1,388	2,314	2,185	926	1,558	746	1	337	6
306	281	43	61	2,363	2,526	3,391	3,228	1,249	2,693	1,436	..	369	5
226	239	37	45	1,927	2,044	1,932	1,815	1,135	1,973	469	2	275	4
288	288	47	58	1,465	1,579	2,329	2,215	781	1,571	941	..	497	4
312	296	31	43	1,849	1,955	2,237	2,131	1,258	1,938	477	..	412	1
360	334	51	51	1,921	2,077	2,687	2,531	1,089	2,192	998	..	325	4
316	272	38	51	1,938	2,103	2,639	2,474	1,325	1,958	897	..	389	8
340	339	48	64	1,887	2,054	2,962	2,795	1,111	2,010	1,275	2	444	7
3,314	3,189	472	598	20,928	22,483	30,169	28,614	12,641	22,769	11,155	13	4,459	60

Summaries for the Years 1790 to 1907, Inclusive.

The following tables have been compiled from the records of the Health Departments of New York and Brooklyn before consolidation into the present City of New York. The New York tables, therefore, present the statistics of the present boroughs of Manhattan and The Bronx, and the Brooklyn tables those of the present Borough of Brooklyn. It has been found impossible to prepare similar tables for the boroughs of Queens and Richmond:

Former New York (Boroughs of Manhattan and The Bronx).

Estimated Population on July 1 in Each Year, from 1790 to 1907, Inclusive.

Year.	Population.	Deaths.	‡Births.	‡Marriages.	Year.	Population.	Deaths.	‡Births.	‡Marriages.
1790	32,962	.....	.....	....	1814	95,848	1,844	.....	.....
1791	35,009	.....	.....	....	1815	99,952	2,511	.....	.....
1792	37,182	.....	.....	....	1816	104,232	3,000	.....	.....
1793	39,491	.....	.....	....	1817	108,695	2,409	.....	.....
1794	41,943	.....	.....	....	1818	113,350	3,106	.....	.....
1795	44,548	.....	.....	....	1819	118,204	3,178	.....	.....
1796	47,314	.....	.....	....	1820	123,266	3,522	.....	.....
1797	50,252	.....	....	....	1821	130,840	3,422	.....	.....
1798	53,372	.....	.....	....	1822	138,879	3,212	.....	.....
1799	56,686	.....	.....	....	1823	147,413	3,551	.....	.....
1800	60,206	.....	.....	....	1824	156,471	4,224	.....	.....
1801	63,081	.....	.....	....	1825	166,086	4,920	.....	.....
1802	66,094	.....	.....	....	1826	172,978	4,961	.....	.....
1803	69,250	.....	.....	....	1827	180,157	5,139	.....	.....
1804	72,557	2,084	.....	....	1828	187,634	4,843	.....	.....
1805	76,022	2,297	.....	....	1829	195,421	4,734	.....	.....
1806	79,653	2,174	.....	....	1830	203,532	5,522	.....	.....
1807	83,456	2,236	.....	....	1831	215,381	6,347	.....	.....
1808	87,442	1,950	.....	....	1832	227,920	10,257	.....	.....
1809	91,618	2,038	.....	....	1833	241,188	5,689	.....	.....
1810	95,993	2,073	.....	....	1834	255,230	8,937	.....	.....
1811	95,957	2,431	.....	....	1835	270,089	7,096	.....	.....
1812	95,920	2,503	.....	....	1836	278,275	8,068	.....	.....
1813	95,884	2,335	.....	....	1837	286,719	8,626	.....	.....

‡ Incomplete.

Year.	Population.	Deaths.	‡Births.	‡Marriages.	Year.	Population.	Deaths.	‡Births.	‡Marriages.
1838	295,400	7,911	.....	....	1873	981,671	29,084	22,683	8,871
1839	304,353	7,910	.....	....	1874	1,030,607	28,727	25,747	8,397
1840	313,578	8,469	.....	....	1875	1,044,396	30,709	23,813	7,565
1841	324,342	9,093	.....	....	1876	1,075,532	29,152	23,744	7,099
1842	335,475	9,154	.....	....	1877	1,107,597	26,203	25,569	7,129
1843	346,991	8,659	.....	....	1878	1,140,617	27,008	25,729	7,629
1844	358,902	8,890	.....	....	1879	1,174,621	28,342	25,573	8,446
1845	371,223	10,122	.....	....	1880	1,209,196	31,937	27,536	9,002
1846	396,686	11,411	.....	....	1881	1,244,511	38,624	26,130	10,077
1847*	423,896	14,844	317	185	1882	1,280,857	37,924	27,321	11,085
1848	452,972	14,892	170	199	1883	1,318,264	34,011	28,972	11,556
1849	484,043	22,605	.....	....	1884	1,356,764	35,034	30,527	11,805
1850	517,246	15,826	.....	....	1885	1,396,388	35,682	30,030	11,716
1851	538,490	20,738	.....	....	1886	1,437,170	37,351	31,319	12,216
1852	569,607	20,196	.....	....	1887	1,479,143	38,933	34,023	13,740
1853†	583,632	21,979	10,157	3,203	1888	1,522,341	40,175	36,136	14,533
1854	607,603	28,473	17,979	5,595	1889	1,566,801	39,679	37,527	14,400
1855	652,559	24,448	14,145	4,199	1890	1,612,559	40,103	39,250	14,992
1856	664,980	21,748	16,199	3,633	1891	1,659,654	43,659	46,904	15,764
1857	699,062	22,811	18,427	3,710	1892	1,708,124	44,329	49,447	16,001
1858	734,892	23,269	13,340	3,942	1893	1,758,010	44,486	51,529	16,144
1859	772,558	22,745	9,035	3,100	1894	1,809,353	41,175	55,636	17,388
1860	812,154	24,760	12,454	4,241	1895	1,873,201	43,420	53,731	20,612
1861	794,905	24,525	10,004	2,993	1896	1,906,139	41,622	55,623	20,513
1862	778,023	23,150	7,612	2,896	1897	1,940,553	38,877	54,089	20,365
1863	761,500	26,617	6,426	3,272	1898	1,976,572	40,438	53,359	20,769
1864	745,327	25,792	5,877	2,675	1899	2,014,330	39,911	52,068	21,740
1865	729,498	25,767	5,332	2,733	1900	2,053,979	43,227	54,616	22,927
1866	767,979	26,815	10,006	5,792	1901	2,095,686	43,304	54,013	23,962
1867	808,489	23,159	12,535	7,144	1902	2,139,632	41,704	57,511	25,993
1868	851,137	24,889	12,590	6,926	1903	2,186,017	41,776	62,131	27,265
1869	896,034	25,167	13,947	8,695	1904	2,235,060	48,743	65,229	27,965
1870	943,300	27,175	14,524	7,985	1905	2,390,382	45,199	61,862	30,228
1871	955,921	26,976	20,821	8,646	1906	2,484,432	46,108	70,311	34,369
1872	968,710	32,647	22,068	9,008	1907	2,541,084	47,998	74,260	36,079

* First year of registration of births and marriages.
† Births and marriages from July 1 to December 2.
‡ Incomplete.

The following tables present statistics relating to the present City of now comprised within the limits of that city, so far as the same can be of the smaller civil divisions thereof:

POPULATION OF THE FORMER CITY OF

Boroughs of Manhattan

Ward.	Year of Formation.	From What Taken.	1800.	1810.	1814.	1820.	1825.	1830.	1835.	1840.	1845.
1st.....	1791	.....	4,320	7,941	7,630	12,085	9,929	11,331	10,380	10,629	12,230
2d.....	1791	.....	5,167	8,493	7,439	8,214	9,315	8,203	7,549	6,394	6,962
3d.....	1791	.....	6,449	7,426	7,495	9,201	10,801	9,599	10,844	11,581	11,900
4th.....	1791	.....	6,935	10,226	9,856	10,736	12,240	12,705	15,439	15,770	21,000
5th.....	1791	.....	9,148	14,744	14,523	12,421	15,093	17,722	18,495	19,159	20,362
6th.....	1791	.....	13,076	11,286	11,821	13,309	20,061	13,570	14,827	17,198	19,343
7th.....	1791	.....	15,394	12,120	10,886	13,006	14,192	15,873	21,481	22,982	25,556
8th.....	1803	7th Ward....	....	9,128	10,702	13,766	24,285	20,729	28,570	29,073	30,900
9th.....	1803	"	....	4,719	4,343	11,162	10,956	17,333	20,618	24,795	30,907
10th.....	1808	"	....	10,290	10,824	17,806	23,932	16,438	20,926	29,026	20,993
11th.....	1825	9th and 10th Wards.....	....	....	....	....	7,344	14,915	26,845	17,053	27,259
12th.....	1825	9th and 10th Wards.....	....	....	....	....	7,938	11,808	24,437	11,652	13,378
13th.....	1827	10th Ward....	....	....	....	....	....	12,598	17,130	18,517	22,411
14th.....	1827	6th and 8th Wards.....	....	....	....	....	....	14,288	17,306	20,235	21,105
15th.....	1832	9th Ward.....	....	....	....	....	....	....	13,202	17,755	19,422
16th.....	1836	12th Ward....	....	....	....	....	....	....	....	22,723	40,350
17th.....	1837	11th Ward....	....	....	....	....	....	....	....	18,619	27,147
18th.....	1846	16th Ward....	....	....	....	....	....	....	....	....	....
19th.....	1850	12th Ward....	....	....	....	....	....	....	....	....	....
20th.....	1851	16th Ward....	....	....	....	....	....	....	....	....	....
21st	1853	18th Ward....	....	....	....	....	...	....	....	....	....
22d	1853	19th Ward....	....	....	....	....	....	....	....	....	....
23d.....	1874	Westchester County.									
24th.....	1874 and 1895	Westchester County.	....	....	....	....	....	....	...	....	....
Total....	....	.....	60,489	96,373	95,519	123,706	166,086	197,112	268,089	312,710	371,223

NOTE.—In this and the four following tables, the columns headed by decade years give the results of State census.

The figures, for years prior to 1870, for this and the following tables, are taken from the official report true totals, as given in the reports of the United States census for those years. The actual figures of the 515,557; and for 1860, 813,668.

The city was originally divided into seven wards in 1686, by Governor Dongan's charter. They were the rest of Manhattan Island forming the Out Ward.

* The New York State census of New York City (Boroughs of Manhattan and The Bronx) was not

N. B.—The Twenty-third and Twenty-fourth Wards constitute the present Borough of the Bronx. correct figures cannot be given previous to the census of 1875, the population as given in the table for became a part of New York, was separated from Westchester County as a whole, and formed into the towns

A On June 6, 1895, a portion of Westchester County, comprising a part of the present Twenty-fourth to the United States census, was 25,085.

YORK CITY.

AND THE BRONX.

Prominent Causes for Forty Years.

Diarrheal Diseases of children under five years of age.	Cancer.	Phthisis.	Other Tuberculous Diseases.	Heart Diseases.	§ Diseases of Nervous System.	Bronchitis.	Pneumonia.	Bright's Disease.	Puerperal Fever.	Other Puerperal Diseases.	Sunstroke.	Accidents.	Homicide.	Suicide.
3,526	315	3,414	727	615	3,364	803	1,668	534	101	121	196	733	46	98
2,884	304	3,364	846	686	2,950	877	2,100	557	108	116	26	797	37	102
3,917	355	4,030	926	699	3,037	855	1,836	787	150	128	238	834	45	101
3,353	335	4,186	886	813	2,656	964	1,834	947	193	188	21	*1,071	65	114
4,915	392	4,274	999	894	3,159	1,040	2,150	949	284	192	320	1,108	69	144
3,903	425	4,134	905	860	2,777	1,068	2,328	876	258	169	34	968	73	118
3,468	416	4,034	817	883	2,432	1,065	2,398	828	232	161	19	1,008	59	180
3,575	424	4,172	773	985	2,417	1,111	2,802	909	222	148	19	967	62	155
3,632	459	4,194	776	992	2,457	1,214	2,542	958	190	152	206	902	55	150
3,397	495	4,044	647	880	2,357	1,033	2,148	923	185	113	21	820	57	148
2,785	570	4,466	721	1,068	2,358	1,184	2,288	919	172	128	52	809	58	142
3,826	572	4,343	728	1,164	2,445	1,263	2,554	1,027	216	143	41	837	48	117
3,815	659	4,706	736	1,153	2,672	1,375	2,822	1,029	224	183	116	1,007	58	152
4,159	706	5,312	811	1,289	3,140	1,511	3,261	1,187	244	182	134	1,059	65	166
3,959	732	5,247	805	1,477	2,865	1,583	3,472	1,241	236	171	103	1,099	76	199
3,297	678	5,290	653	1,693	2,727	1,435	3,409	1,195	254	162	83	1,100	62	161
3,722	731	5,235	804	1,662	2,911	1,485	3,159	1,163	241	197	107	1,055	55	229
3,482	754	5,196	749	1,800	3,095	1,605	3,650	1,188	213	181	146	1,078	59	207
3,595	779	5,477	872	1,894	3,081	1,701	3,656	1,210	186	185	42	1,176	63	223
3,947	832	5,260	747	2,018	3,373	1,838	3,707	1,128	198	157	216	1,288	70	235
3,648	870	5,260	813	1,880	3,529	1,892	4,288	1,147	246	196	96	1,085	57	247
3,889	848	5,179	862	1,970	3,491	1,814	4,075	1,763	226	167	32	1,148	72	244
3,779	954	5,492	917	1,978	3,210	1,987	4,989	2,024	208	173	62	1,449	61	239
4,044	902	5,160	949	2,285	3,341	1,836	5,818	2,116	249	171	95	1,597	56	300
4,177	996	5,033	1,028	2,330	3,655	1,754	5,841	1,991	277	140	320	1,900	38	241
3,890	993	5,124	1,039	2,379	3,750	1,577	6,487	2,071	237	147	43	1,607	47	314
3,757	1,022	4,658	1,062	2,170	3,466	1,329	4,725	1,879	193	165	11	1,728	61	331
4,061	1,030	5,205	1,078	2,297	3,429	1,636	5,751	2,019	218	191	85	2,045	76	376
3,776	1,141	4,994	932	2,396	3,358	1,292	5,383	2,195	198	218	765	2,641	71	384
3,559	1,217	4,843	948	2,346	3,345	1,089	4,621	2,059	169	234	39	1,782	65	436

Population of Former City of New York, From 1628 to 1900, With Dates and Numbers of Censuses.

Year.	Population.	Authority.
1628	270	City Inspector's Report, 1861.
1656	1,000	City Inspector's Report, 1861.
1664	1,500	City Inspector's Report, 1861.
1697	4,302	Census (Noah Webster in "American Magazine," New York March, 1788).
1703	4,375	City Inspector's Report, 1861.
1712	5,841	City Inspector's Report, 1861.
1723	7,248	City Inspector's Report, 1861.
1731	8,622	City Inspector's Report, 1861.
1737	10,664	City Inspector's Report, 1861.
1746	11,717	City Inspector's Report, 1861.
1749	13,294	City Inspector's Report, 1861.
1756	13,046	Noah Webster, loc. cit.
1771	21,862	Noah Webster, loc. cit.
1786	23,614	Noah Webster, loc. cit.
1790	33,131	United States Census, August 1.
1800	60,515	United States Census, August 1.
1810	96,373	United States Census, August 1.
1814	95,519	New York State Census, June 1.
1820	123,706	United States Census, August 1.
1825	166,086	United States Census, July 1. (?)
1830	202,589	United States Census, June 1.
1835	270,089	New York State Census, July 1. (?)
1840	312,710	United States Census, June 1.
1845	371,223	New York State Census, July 1.
1850	515,547	United States Census, June 1.
1855	629,904	New York State Census, June 1.
1860	813,669	United States Census, June 1.
1865	726,386	New York State Census, June 1.
1870	942,292	United States Census, June 1.
1875	*1,041,886	New York State Census, June 1.
1880	1,206,299	United States Census, June 1.
1890	1,513,501	United States Census, June 1.
1900	A2,050,600	United States Census, June 1.
1905	2,384,326	New York State Census, June 1.

NOTE.—A city census, taken by order of the Common Council in 1805 (date uncertain), gave the population as 75,770; a second, taken under similar auspices in 1816 (date uncertain), gave the population variously at 93,634 and 100,619.

* On January 1, 1874, a portion of Westchester County, comprising the present Twenty-third and Twenty-fourth Wards, was annexed to the City of New York; the population of this annexed district June 1, 1875, according to the New York State Census, was 36,194.

A. On June 6, 1895, a portion of Westchester County, comprising a part of the present Twenty-fourth Ward, was annexed to the City of New York, the population of this annexed district June 1, 1900, according to the United States Census, was 25,085.

B Diarrheal Diseases of Children under five years of age.	Cancer.	Phthisis.	Other Tuberculous Diseases.	Heart Diseases.	§ Diseases of Nervous System.	Bronchitis.	Pneumonia.	Bright's Disease.	Puerperal Fever.	Other Puerperal Diseases.	Sunstroke.	Accidents.	Homicide.	Suicide.
3,847	1,260	4,957	944	2,379	3,155	1,127	5,301	2,426	157	219	388	1,860	93	463
2,935	1,321	5,238	971	2,203	3,190	1,132	5,418	2,739	138	247	95	1,808	97	433
3,340	1,473	5,278	910	2,276	3,091	1,093	6,747	2,924	169	259	205	2,198	92	500
3,296	1,575	5,233	816	3,088	3,404	934	5,792	2,951	155	246	898	2,579	82	470
2,985	1,536	4,893	851	3,133	3,399	1,020	5,841	2,814	162	247	25	1,927	89	477
2,761	1,683	5,263	839	3,064	3,241	859	6,308	2,951	141	234	76	2,032	78	521
3,390	1,740	5,511	783	3,188	4,442	1,044	8,029	3,146	169	278	22	3,033	119	567
3,349	1,834	5,678	670	3,072	4,591	864	6,139	3,175	189	396	134	2,283	103	422
3,354	1,856	5,900	796	3,506	3,612	720	6,682	3,231	157	301	75	2,280	158	442
3,643	2,032	6,030	779	4,211	3,413	435	7,333	3,249	166	283	35	2,467	188	442

29, 1874, in accordance with chapter 635, Laws of 1874, passed June 15.
simple cerebro-spinal meningitis from zymotic to nervous causes.

classification of diseases, with the addition of dysentery.

FORMER NE

BOROUGHS OF MANHATTA

Annual Number of Deaths Fro

Year.	Cerebro-spinal Meningitis	Diphtheria.	Croup.	† Typhoid Fever.	Typhus Fever.	Measles.	Scarlet Fever.	‡ Small-pox.	Malaria Fever.	Whooping Cough.	Diarrhœal Diseases.
1868	34	277	342	329	137	200	861	26	132	217	4,19
1869	42	328	483	378	125	526	966	203	128	358	3,46
1870	32	308	421	422	96	298	975	293	213	201	4,483
1871	48	238	466	251	65	409	791	805	279	465	3,869
1872	782	446	675	386	86	463	990	929	326	565	5,558
1873	290	1,151	732	313	39	306	1,045	117	263	268	4,475
1874	158	1,665	594	305	14	319	879	484	265	489	3,900
1875	146	2,329	758	376	28	167	514	1,280	246	407	4,047
1876	127	1,750	527	325	20	362	891	315	195	406	4,077
1877	116	951	472	343	17	155	983	14	250	440	3,588
1878	97	1,007	499	321	4	272	1,099	2	285	382	3,213
1879	108	671	522	268	4	244	1,477	25	300	537	3,471
1880	170	1,390	910	372	3	479	618	31	336	277	4,45
1881	461	2,249	1,038	594	160	429	1,964	451	457	286	4,521
1882	238	1,525	729	516	65	913	2,066	259	386	658	4,654
1883	223	1,009	644	625	15	716	744	12	371	327	3,95
1884	210	1,090	748	476	27	762	608	....	308	490	4,356
1885	202	1,325	855	405	15	736	559	26	297	495	4,145
1886	223	1,727	968	433	14	668	371	31	286	575	4,264
1887	203	2,167	889	421	..	767	589	99	290	188	4,622
1888	173	1,914	639	364	4	591	1,360	81	270	573	4,367
1889	145	1,686	605	397	..	470	1,242	1	228	647	4,500
1890	136	1,262	521	352	..	730	408	2	176	487	4,304
1891	189	1,361	609	384	1	663	1,220	2	185	352	4,629
1892	230	1,436	670	400	45	864	977	81	161	371	4,824
1893	489	1,970	588	381	200	393	551	102	133	542	4,487
1894	213	2,359	511	326	..	584	541	154	126	272	4,266
1895	204	1,634	342	322	..	793	468	10	90	496	4,621
1896	178	1,555	208	297	..	714	402	1	112	435	4,282
1897	232	1,376	214	299	..	391	500	24	118	308	3,956

City, by Age and Sex, Since 1865.

Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
6,848	5,823	766	679	936	1,044	2,916	2,544	1,947	1,418	874	1,020
6,601	5,651	604	491	722	771	2,169	2,046	1,530	1,108	655	811
6,909	6,158	651	538	767	799	2,532	2,045	1,665	1,140	776	909
6,851	6,008	728	567	704	798	2,496	2,131	1,822	1,291	768	1,003
7,119	6,214	661	525	839	888	2,871	2,506	2,067	1,493	918	1,074
6,894	6,077	682	588	924	893	2,990	2,516	2,048	1,458	914	992
6,834	7,554	980	916	1,109	1,058	3,384	2,893	2,260	1,688	960	1,211
7,532	6,650	922	819	869	970	2,928	2,565	2,093	1,580	969	1,187
7,432	6,524	880	903	822	845	2,781	2,512	2,172	1,603	973	1,280
7,793	7,055	916	987	916	1,010	3,025	2,624	2,280	1,660	1,049	1,394
7,709	6,501	830	762	825	927	2,869	2,433	2,133	1,712	1,066	1,385
6,519	5,788	721	619	763	893	2,496	2,273	2,082	1,656	1,043	1,350
6,593	5,817	716	708	743	890	2,600	2,402	2,274	1,800	1,071	1,394
6,879	5,898	789	701	794	944	2,807	2,591	2,339	1,891	1,199	1,510
7,912	6,738	815	788	941	969	3,213	2,880	2,618	2,122	1,332	1,609
9,508	8,229	1,327	1,310	1,212	1,171	3,981	3,205	3,114	2,290	1,529	1,748
9,317	8,203	1,089	1,051	1,145	1,169	3,978	3,072	3,066	2,477	1,501	1,856
7,464	6,392	871	833	1,186	1,218	3,919	3,168	3,202	2,405	1,532	1,821
8,150	7,122	786	782	1,137	1,126	3,652	3,218	3,154	2,526	1,522	1,859
8,159	7,108	832	796	1,078	1,167	3,932	3,243	3,320	2,649	1,595	1,803
8,848	7,273	853	791	1,172	1,112	4,269	3,195	3,520	2,660	1,607	2,051
9,031	7,735	942	922	1,277	1,116	4,462	3,343	3,542	2,828	1,743	1,992
9,277	8,081	1,003	973	1,284	1,256	4,590	3,394	3,644	2,857	1,760	2,056
9,165	7,987	935	882	1,200	1,273	4,555	3,371	3,692	2,879	1,742	1,998
8,659	7,646	745	722	1,270	1,232	4,947	3,699	3,935	3,197	1,879	2,172
9,732	8,492	957	972	1,352	1,316	4,977	3,799	4,014	3,427	2,072	2,549
10,099	8,585	1,004	970	1,397	1,346	5,260	3,770	4,290	2,336	1,994	2,278
9,538	8,327	997	1,019	1,532	1,358	5,473	3,860	4,527	3,410	2,079	2,366
9,442	8,116	909	916	1,240	1,212	4,779	3,515	3,946	3,043	1,900	2,157
9,782	8,439	770	798	1,294	1,276	5,106	3,862	4,182	3,313	2,090	2,508
9,067	7,740	766	780	1,222	1,251	5,194	3,597	4,286	3,250	2,057	2,412
8,242	7,153	758	749	1,194	1,165	4,561	3,446	3,950	3,211	2,044	2,404

Year.	Cerebro-spinal Meningitis.	Diphtheria.	Croup.	† Typhoid Fever.	Typhus Fever.	Measles.	Scarlet Fever.	‡ Small-pox.	Malarial Fever.	Whooping Cough.	B Diarrheal
1898	258	788	135	376	1	446	523	1	126	442	[illegible]
1899	287	940	145	294	..	379	332	18	80	350	[illegible]
1900	201	1,121	155	372	..	470	315	12	104	318	[illegible]
1901	201	A 1,227	..	412	..	272	635	399	93	159	[illegible]
1902	190	1,142	..	399	..	462	635	218	67	385	[illegible]
1903	208	1,232	..	350	..	321	465	3	39	187	[illegible]
1904	1,083	1,272	..	309	..	556	534	1	38	120	[illegible]
1905	1,110	860	..	310	..	314	271	1	19	239	[illegible]
1906	600	983	..	369	..	662	212	..	27	202	[illegible]
1907	471	1,011	..	420	..	430	421	1	21	201	[illegible]

* Exclusive of 53 killed in riot July 12. † Including typho-malarial fever.
‡ The vaccinating corps was organized as a separate branch of the Department on Septemb
§ Number given in annual report for 1873, 2,708; discrepancy caused by transfer of deaths
A Including croup since 1901.
B The figures on diarrheal diseases have been revised so as to agree with the Bertill

Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female	Male.	Female.	Male.	Female.
8,364	7,227	704	699	1,246	1,165	4,934	3,613	4,258	3,316	2,293	2,619
7,732	6,659	748	722	1,158	1,223	5,231	3,753	4,333	3,368.	2,386	2,598
8,544	7,104	819	818	1,251	1,234	5,629	4,017	4,683	3,701	2,563	2,864
7,934	6,875	882	800	1,275	1,185	6,003	4,049	4,952	3,803	2,524	3,022
8,066	6,951	897	835	1,157	1,254	5,472	3,933	4,735	3,442	2,350	2,612
7,309	6,432	872	830	1,264	1,180	5,611	4,050	5,044	3,804	2,591	2,789
8,603	7,533	1,234	1,244	1,521	1,516	6,549	4,421	5,888	4,213	2,823	3,198
8,288	6,999	992	975	1,457	1,306	6,005	4,100	5,343	3,961	2,759	3,014
8,380	7,154	919	767	1,421	1,276	6,213	4,082	5,857	4,013	2,860	3,166
8,455	7,190	863	769	1,490	1,325	6,484	4,133	6,290	4,269	3,032	3,398

human life, viz.: infancy, childhood, youth, maturity, decline and old age.

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1866	14,287	12,528	4,260	3,576	1,434	1,254	1,154	953
1867	12,281	10,878	4,099	3,298	1,446	1,382	1,056	971
1868	13,300	11,589	4,394	3,763	1,480	1,408	1,035	987
1869	13,369	11,798	4,002	3,403	1,504	1,402	1,345	1,213
1870	14,475	12,700	4,534	3,849	1,429	1,274	1,156	1,091
1871	14,452	12,574	4,287	3,707	1,459	1,248	1,148	1,212
1872	17,327	15,320	5,260	4,531	1,754	1,583	1,620	1,435
1873	15,313	13,771	4,649	4,029	1,444	1,289	1,439	1,332
1874	15,060	13,667	4,445	3,834	1,479	1,339	1,508	1,351
1875	15,079	14,730	4,569	3,971	1,628	1,508	1,596	1,576
1876	15,432	13,720	4,506	3,664	1,659	1,416	1,544	1,421
1877	13,624	12,579	3,986	3,433	1,301	1,194	1,232	1,161
1878	13,997	13,011	3,828	3,272	1,387	1,229	1,378	1,316
1879	14,807	13,535	4,145	3,425	1,319	1,199	1,415	1,374
1880	16,831	15,106	4,810	3,915	1,581	1,420	1,521	1,403
1881	20,671	17,953	5,358	4,333	1,915	1,769	2,235	2,127
1882	20,096	17,828	5,378	4,489	1,864	1,722	2,075	1,991
1883	18,174	15,837	4,700	3,968	1,459	1,201	1,305	1,223
1884	18,401	16,633	5,206	4,430	1,578	1,411	1,366	1,281
1885	18,916	16,766	5,035	4,268	1,584	1,420	1,540	1,420
1886	20,269	17,082	5,529	4,301	1,712	1,476	1,607	1,496
1887	20,997	17,936	5,578	4,505	1,686	1,552	1,767	1,678
1888	21,558	18,617	5,648	4,763	1,750	1,573	1,879	1,745
1889	21,289	18,390	5,730	4,797	1,716	1,594	1,719	1,596
1890	21,435	18,668	5,598	4,690	1,647	1,605	1,414	1,351
1891	23,104	20,555	6,119	5,122	1,840	1,683	1,773	1,687
1892	24,044	20,285	6,222	5,174	1,983	1,740	1,894	1,671
1893	24,146	20,340	6,024	5,082	1,746	1,575	1,768	1,670
1894	22,216	18,959	5,911	4,913	1,777	1,517	1,754	1,686
1895	23,224	20,196	6,186	5,081	1,975	1,845	1,621	1,513
1896	22,592	19,030	5,926	4,751	1,695	1,516	1,446	1,473
1897	20,749	18,128	5,406	4,608	1,524	1,360	1,312	1,185

New York City, by Age and Sex. *

Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
22	23	45	43	72	57	103	67	34	32	10	6
26	19	21	26	27	38	48	56	36	28	14	8
12	14	31	27	47	38	57	39	26	21	8	9
17	11	32	25	50	45	62	51	36	28	13	8
11	16	27	28	54	43	85	73	39	21	9	16
8	4	22	19	47	30	60	26	22	6	5	2
14	12	44	30	55	56	76	43	25	18	6	7
17	8	13	20	50	37	67	37	27	25	7	5
6	8	29	24	50	42	46	40	22	25	6	7
11	6	27	38	42	47	75	55	36	20	8	11
17	10	19	21	53	40	64	44	18	21	9	9
17	11	28	27	47	40	50	60	23	24	6	10
13	14	24	28	50	36	49	53	21	22	6	5
15	10	25	23	29	32	35	45	17	25	4	8
13	18	23	32	60	39	73	45	23	28	10	8
17	20	40	32	103	85	125	67	50	28	15	12
12	15	29	33	82	80	102	90	35	22	7	9
14	21	46	42	121	91	127	78	39	25	9	12
13	8	31	23	76	60	110	83	32	29	5	6
9	12	29	18	68	59	87	57	32	27	4	3
24	10	21	29	72	55	85	62	29	32	6	8
7	15	15	26	79	42	101	69	25	25	8	9
10	3	18	21	80	44	97	43	26	14	4	4
12	6	22	19	70	54	95	64	25	18	4	8
8	6	19	21	53	43	87	59	25	19	9	3
13	11	21	31	75	50	82	48	19	18	11	5
12	6	25	19	66	59	106	59	16	23	5	4
7	6	17	13	75	39	103	64	27	22	5	3
5	5	20	19	49	35	95	51	23	21	2	1
8	4	16	14	55	36	103	41	19	19	6	1
9	5	20	22	36	31	98	42	14	16	3	1
5	9	12	19	53	26	91	45	27	9	..	3

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female
1898	21,799	18,639	5,555	4,608	1,652	1,459	1,157	1,160
1899	21,588	18,323	5,032	4,123	1,488	1,349	1,212	1,187
1900	23,489	19,738	5,549	4,459	1,648	1,416	1,347	1,129
1901	23,570	19,734	5,100	4,248	1,531	1,416	1,303	1,211
1902	22,677	19,027	5,182	4,299	1,584	1,430	1,300	1,222
1903	22,691	19,085	4,833	4,089	1,343	1,247	1,133	1,096
1904	26,618	22,125	5,529	4,598	1,620	1,597	1,454	1,338
1905	24,844	20,355	5,625	4,693	1,467	1,247	1,196	1,059
1906	25,650	20,458	5,690	4,803	1,528	1,373	1,262	958
1907	26,614	21,084	5,778	4,868	1,500	1,293	1,177	1,029

NOTE.—These ages have been selected as representing approximately the progressive stages of

Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
5	4	27	13	89	35	105	52	23	16	4	3
3	2	10	16	39	26	96	65	23	12	2	..
9	8	21	11	53	34	124	65	24	19	3	1
11	9	14	19	58	52	133	61	24	19	6	6
8	4	12	22	61	36	150	58	27	11	4	6
7	7	24	28	60	30	95	61	19	9	6	4
10	12	9	13	52	30	95	43	24	13	5	3
6	4	13	18	54	35	82	60	23	10	1	4
6	7	20	23	65	42	110	53	19	13	7	4
4	2	24	19	72	33	147	55	32	18	7	2

Deaths** from Typhoid Fever in **Former

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1866	286	228	2	2	2	3	18	18
1867	172	175	2	2	8	3	16	14
1868	181	148	..	..	3	3	9	11
1869	210	168	1	..	2	..	14	11
1870	225	197	2	3	..	2	9	11
1871	164	87	1	2	2	1	5	1
1872	220	166	1	1	6	2	7	9
1873	181	132	2	1	3	..	12	7
1874	159	146	..	4	1	3	5	1
1875	199	177	1	..	5	1	5	5
1876	180	145	1	2	3	2	13	6
1877	171	172	..	1	4	3	13	7
1878	163	158	1	..	2	2	10	12
1879	125	143	2	..	4	2	9	8
1880	202	170	1	3	2	3	10	12
1881	350	244	..	..	2	1	15	19
1882	267	249	2	..	1	4	9	11
1883	356	269	1	4	2	2	11	15
1884	267	209	1	..	3	1	9	7
1885	229	176	1	1	1	4	7	7
1886	237	196	4	2	2	..	18	8
1887	235	186	1	..	1	2	5	13
1888	235	129	..	1	1	..	9	2
1889	228	169	1	1	1	1	10	4
1890	201	151	1	..	2	2	5	4
1891	221	163	1	1	3	2	9	8
1892	230	170	1	2	4	2	7	2
1893	234	147	1	..	2	2	4	4
1894	194	132	2	1	1	1	2	3
1895	207	115	2	..	3	1	3	3
1896	180	117	2	2	..	..	7	3
1897	188	111	..	2	..	2	5	5

* Including typho-malarial fever.

Deaths from Malarial Fevers, Former New York City, by Months.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
1881	26	35	64	56	52	33	50	59	76	66	48	40	605
1882	36	28	34	49	39	28	45	63	81	56	44	37	540
1883	22	37	54	41	52	31	70	63	44	50	39	22	525
1884	27	37	25	18	31	23	37	44	34	57	39	23	395
1885	24	39	37	33	36	37	34	41	41	35	24	27	408
1886	26	34	37	37	43	25	19	33	29	44	35	32	394
1887	25	22	25	23	22	32	32	36	43	33	25	30	348
1888	23	23	23	24	22	18	21	21	29	20	26	20	270
1889	21	11	11	19	10	15	15	35	26	30	19	16	228
1890	17	10	9	8	15	20	12	23	16	15	12	19	176
1891	14	8	13	11	11	19	19	23	25	21	13	8	185
1892	8	10	15	11	12	16	17	12	21	13	16	10	161
1893	7	7	17	11	8	13	12	22	10	7	8	11	133
1894	10	3	8	10	15	18	11	15	10	11	9	6	126
1895	4	2	7	8	9	9	5	5	11	10	12	8	90
1896	7		8	9	10	11	9	9	12	22	6	4	112
1897	7	6	5	8	12	17	16	8	8	18	5	8	118
1898	6	5	5	8	12	7	5	22	27	14	10	5	126
1899	1	6	2	7	6	6	14	7	5	10	9	7	80
1900	5		9	7	12	5	9	12	10	16	11	3	104
1901	3		2	5	2	6	5	11	23	13	8	10	93
1902	4		6	4	5	9	10	6	7	9	1	1	67
1903	1	2	3	1	10	7	3	2	2	3	4	1	39
1904	2		3	4	7	5	4	3	2	3	2	2	38
1905	1		1	..	..	3	5	4	2	..	2	1	19
1906	1		3	2	..	..	6	5	2	5	2	1	27
1907	..		1	3	3	..	2	6	1	3	2	..	21

In this table typho-malarial fever is included, excepting in 1888 to 1907, during which years it is included in tables of typhoid fever.

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1898	253	123	..	..	1	1	4	3
1899	173	121	..	..	1	..	2	2
1900	234	138	2	..	2	2	5	6
1901	246	166	..	1	3	1	8	7
1902	262	137	..	..	4	1	4	3
1903	211	139	1	..	2	..	4	7
1904	195	114	2	2	1	3	7	7
1905	179	131	1	..	2	..	3	4
1906	227	142	1	..	1	3	4	4
1907	291	129	..	..	..	..	9	2

New York City, by Age and Sex.

Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
84	54	9	5	..	..	..	1	..	..	..	..
249	214	22	12	1	..	..	1	..	..	..	..
92	92	6	8	..	2	..	..	..	..	..	..
259	231	11	20	..	4	1	..	..	..	..	..
153	122	11	10	..	..	1	1	..	..	..	..
199	185	14	8	..	3	..	..	..	..	..	..
231	202	12	15	1	1	..	1	..	..	..	..
129	155	10	7	1	1	1	2	..	..	..	..
154	135	11	12	2	1	..	4	..	..	..	..
68	83	8	8	..	..	..	..	..	..	..	..
171	156	22	9	..	1	1	2	..	..	..	..
81	59	6	8	..	..	..	1	..	..	..	..
125	124	8	11	..	1	1	2	..	..	..	..
117	101	12	12	..	1	1	..	..	..	..	..
243	205	13	17	..	..	..	1	..	..	..	..
193	202	16	14	..	2	1	1	..	..	..	..
407	428	33	33	3	3	..	6	..	..	..	..
331	309	33	28	3	3	2	5	..	..	..	..
390	324	23	19	..	2	1	2	1	..	..	..
347	333	26	24	..	3	1	1	1	..	..	..
325	299	16	22	2	1	3	..	..	..	..	..
366	351	16	22	3	4	2	2	..	1	..	..
303	253	19	8	..	2	3	2	..	1	..	..
212	220	18	14	4	..	..	2	..	..	..	..
365	327	16	16	..	..	3	1	1	..	..	1
293	334	18	12	3	..	2	1	..	..	..	..
430	383	18	27	1	1	1	2	1	..	..	..
189	180	9	11	1	..	3	..	..	..	..	..
277	267	20	15	..	3	1	1	..	..	..	..
356	397	15	20	1	1	2	1	..	..	..	.
336	337	16	16	2	3	1	2	..	1	..	..
185	184	6	12	..	2	1	1	..	..	..	..

Deaths from Typhoid Fever, Former New York City, by Months.*

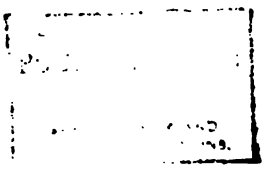
Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
1871	18	13	15	15	14	8	16	28	29	33	24	26	239
1872	18	15	26	21	21	21	34	57	51	30	40	30	364
1873	22	15	19	14	26	16	16	43	48	25	29	21	294
1874	24	16	24	16	10	16	13	25	32	33	39	27	275
1875	26	16	19	23	19	18	22	40	68	42	34	20	347
1876	21	19	16	20	18	16	21	35	41	29	28	19	283
1877	14	21	6	8	26	12	16	33	43	32	35	29	275
1878	14	13	6	9	13	7	20	38	35	40	25	25	245
1879	18	10	7	11	9	9	10	30	18	28	9	19	178
1880	10	17	17	16	12	14	23	22	32	30	29	19	241
1881	17	10	27	38	30	18	33	42	72	59	53	47	446
1882	23	18	20	17	18	10	29	44	50	70	38	25	362
1883	19	18	24	22	15	22	31	63	79	90	66	22	471
1884	16	22	16	10	16	18	25	49	62	66	54	35	389
1885	16	11	10	14	16	17	19	32	49	50	34	26	294
1886	12	9	28	13	9	5	22	37	55	59	43	33	325
1887	28	13	21	11	11	16	33	51	53	38	26	22	323
1888	12	13	14	17	17	11	35	42	81	52	37	33	364
1889	27	15	21	18	17	19	31	71	57	57	40	24	397
1890	20	28	14	12	11	11	31	49	64	49	34	29	352
1891	14	11	17	13	20	23	28	57	65	56	51	29	384
1892	15	25	17	19	23	23	52	53	57	55	31	30	400
1893	22	18	29	25	29	23	21	35	42	70	41	26	381
1894	22	11	17	18	11	14	28	42	57	46	32	28	326
1895	17	16	8	14	13	23	27	37	46	48	37	36	322
1896	20	17	11	12	10	13	25	42	38	39	34	36	297
1897	19	15	9	10	14	19	29	40	32	40	28	44	299
1898	8	12	14	8	11	19	20	56	96	59	42	31	376
1899	15	9	14	15	18	11	21	30	40	52	43	26	294
1900	27	19	10	10	18	20	30	37	56	52	42	51	372
1901	41	19	21	22	18	14	31	40	64	64	39	39	412
1902	24	10	17	22	18	20	32	47	42	70	55	42	399
1903	25	16	19	23	23	22	23	39	43	48	35	34	350
1904	16	15	21	12	18	17	21	41	37	39	30	42	309
1905	19	15	17	15	11	16	25	43	49	44	28	28	310
1906	13	21	8	25	17	16	27	39	46	64	55	38	369
1907	19	30	28	48	40	21	23	38	49	54	41	29	420

* Exclusive of typho-malarial fever, excepting 1888 to 1904, when it was included.

Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female	Male.	Female.
246	185	6	5	..	2	..	2	..	..	..	..
186	171	16	5	..	..	..	1	..	..	..	..
222	212	15	15	..	2	..	2	1	1	..	..
138	112	11	7	..	1	..	2	1	..	..	..
224	205	13	11	1	2	1	2	1	2	..	..
159	146	5	8	2	..	1	..	..	..	..	..
258	262	17	9	3	2	4	1	..	..	..	..
163	132	5	10	..	2	1	..	1	..	..	..
305	321	14	13	4	..	3	2	..	..	..	..
204	194	12	9	2	2	7	1	..	..	..	..

Deaths from Measles in Former

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1866	93	60	15	13	45	21	24	20
1867	272	227	66	42	113	97	70	75
1868	98	102	38	27	31	35	23	39
1869	271	255	74	62	102	95	83	74
1870	165	133	42	22	57	51	54	49
1871	213	196	60	42	78	76	61	67
1872	244	219	68	61	84	72	79	69
1873	141	165	40	50	46	59	43	46
1874	167	152	49	46	60	49	45	40
1875	76	91	12	22	31	35	25	26
1876	194	168	44	40	68	61	59	55
1877	87	68	34	14	27	25	20	20
1878	134	138	39	42	45	38	41	44
1879	130	114	33	16	48	47	36	38
1880	256	223	82	53	86	81	75	74
1881	210	219	52	62	71	73	70	67
1882	443	470	113	131	149	150	145	147
1883	371	345	109	83	131	136	91	90
1884	415	347	108	105	163	120	119	99
1885	375	361	103	107	145	140	99	86
1886	346	322	93	77	156	127	76	95
1887	387	380	119	110	138	140	109	101
1888	325	266	100	87	116	103	87	63
1889	234	236	66	55	95	89	51	76
1890	385	345	121	99	139	141	105	87
1891	316	347	82	94	116	138	95	102
1892	451	413	151	111	166	150	113	122
1893	202	191	57	54	85	67	47	59
1894	298	286	96	88	108	94	73	85
1895	374	419	84	108	167	157	105	132
1896	355	359	99	88	119	133	118	116
1897	192	199	53	55	80	79	52	50



Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1898	252	194	76	48	112	88	58	49
1899	202	177	60	35	81	90	45	46
1900	232	232	60	56	95	101	67	55
1901	150	122	37	24	53	48	48	40
1902	240	222	76	50	87	82	61	73
1903	167	154	58	43	69	62	32	41
1904	282	274	79	66	103	122	76	75
1905	170	144	60	37	72	61	31	34
1906	326	336	88	98	133	132	84	91
1907	225	205	74	59	91	81	39	54

New York City, by Age and Sex.

Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
322	304	96	77	2	3	..	2	..	..	..	..
258	257	63	68	4	1	3	1	..	..	..	..
307	302	103	119	3	10	4	10	..	3	..	..
387	362	88	106	10	5	3	5	..	..	..	..
376	377	116	88	5	8	2	3	..	..	..	..
302	293	85	91	5	7	5	3	..	..	..	..
383	342	122	109	4	6	12	12	..	..	..	..
433	335	127	124	7	11	3	5	..	..	..	..
347	266	119	117	5	11	4	9	1	..	..	..
197	175	55	64	8	9	2	4	..	..	..	..
338	311	103	122	2	7	4	4	..	..	..	..
353	362	131	123	4	4	..	5	1	..	..	..
395	426	111	143	4	7	6	4	..	2	..	1
601	519	173	161	8	7	..	8	..	..	..	..
264	221	54	70	2	2	3	2	..	..	..	..
678	694	258	278	9	19	10	15	1	1	..	1
788	684	240	262	24	25	18	23	2	..	..	..
271	268	88	84	5	16	2	9	1	..	..	..
230	205	64	72	11	14	9	2	..	1	..	..
225	191	63	64	3	6	4	3	..	..	..	..
161	140	33	30	2	..	1	3	..	..	1	..
239	221	52	66	4	3	2	1	..	1	..	..
508	490	163	173	11	3	7	6	..	..	..	..
479	436	118	147	14	23	10	14	1	..	..	..
143	156	55	45	2	2	1	4	..	..	..	..
464	423	136	165	11	10	5	5	..	..	..	1
346	338	118	131	12	16	6	7	..	2	..	1
206	190	69	68	6	4	4	4	..	..	..	..
194	189	58	72	7	11	3	6	1	..	..	..
199	158	42	57	4	1	3	4	..	..	..	..
148	142	53	52	..	1	2	4	..	..	..	..
193	172	69	59	..	4	1	..	2	..	..	..

Deaths from Measles, Former New York City, by Months.

Year	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
1871	108	80	53	44	38	24	28	17	4	..	9	4	409
1872	13	48	45	46	65	83	84	41	3	14	17	14	463
1873	25	29	20	17	36	40	56	23	5	21	13	21	306
1874	28	28	38	41	43	43	45	18	15	8	6	6	319
1875	8	3	7	6	16	23	27	18	8	5	13	33	167
1876	42	63	67	55	45	34	27	2	5	14	5	3	362
1877	4	1	4	8	26	28	24	17	7	12	4	20	155
1878	36	38	54	56	33	18	10	5	8	2	5	7	272
1879	..	1	4	12	11	26	28	24	20	13	31	74	244
1880	100	92	69	73	70	21	21	9	7	1	6	10	479
1881	18	21	38	35	63	93	38	29	12	5	15	62	429
1882	140	142	122	101	140	79	69	25	8	22	21	44	913
1883	60	50	81	108	103	92	77	46	16	21	21	41	716
1884	36	29	35	41	93	117	124	57	36	26	70	98	762
1885	150	119	119	98	84	73	52	17	5	2	11	6	736
1886	5	2	8	10	17	26	58	36	21	48	166	271	668
1887	293	181	96	43	33	23	29	6	7	10	22	24	767
1888	26	23	18	29	54	86	86	55	36	38	42	98	591
1889	117	87	73	60	29	29	18	8	3	5	18	23	470
1890	24	32	50	109	129	107	63	45	20	28	48	75	730
1891	105	63	67	84	82	79	59	26	15	24	14	45	663
1892	50	47	77	119	168	160	98	32	25	11	25	52	864
1893	38	27	25	27	31	49	36	35	17	11	43	54	393
1894	105	106	118	85	45	36	26	5	11	13	10	24	584
1895	26	33	65	85	115	156	93	51	20	20	46	83	793
1896	93	95	118	126	79	69	44	29	12	14	12	23	114
1897	25	33	46	25	40	35	31	21	10	24	51	50	391
1898	71	58	82	67	47	33	25	12	11	6	12	22	445
1899	33	20	23	30	41	47	39	19	14	22	45	46	379
1900	79	103	86	64	42	35	27	16	1	6	2	9	479
1901	7	7	13	16	21	21	36	11	8	11	26	95	272
1902	87	103	73	57	32	40	24	9	2	6	10	19	462
1903	28	36	38	36	39	29	37	13	9	8	26	22	321
1904	65	56	92	103	85	53	31	16	12	9	17	17	556
1905	17	13	36	31	42	65	40	20	10	7	15	18	314
1906	51	79	131	127	98	71	44	13	12	7	14	15	662
1907	12	16	26	45	42	67	85	37	16	14	20	50	430

Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
185	209	56	56	2	7	5	3	..	..	..	..
120	121	38	48	3	2	..	..	..	..	..	..
139	90	38	32	2	6	7	1	..	..	..	..
209	195	100	102	7	7	5	8	1	1	..	..
236	193	88	90	8	8	5	6	..	1	..	..
141	146	77	72	7	7	6	9	..	..	..	..
175	166	66	90	11	12	7	6	..	1	..	..
95	78	32	45	8	5	2	5	..	1	..	..
68	63	35	33	4	5	3	1	..	..	..	..
131	120	65	76	7	10	5	5	2	..	..	..

Deaths from Scarlet Fever in Former

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1866	420	386	36	32	76	94	220	178
1867	328	327	25	27	54	48	179	182
1868	417	444	34	29	73	68	200	205
1869	488	478	36	47	105	92	246	223
1870	499	476	39	43	102	88	235	246
1871	397	394	28	22	69	51	205	225
1872	521	469	43	31	91	69	249	242
1873	570	475	37	39	99	72	207	224
1874	476	403	34	29	79	56	234	181
1875	262	252	30	19	52	39	115	117
1876	447	444	32	27	84	76	222	208
1877	489	494	32	34	85	75	236	253
1878	516	583	24	36	106	100	265	290
1879	782	695	52	33	145	134	404	351
1880	323	295	18	15	66	54	180	152
1881	956	1,008	47	50	164	152	467	491
1882	1,072	994	63	53	196	142	529	489
1883	367	377	36	31	68	63	167	174
1884	314	294	30	25	67	55	133	125
1885	295	264	29	21	67	52	129	118
1886	198	173	14	10	46	34	101	96
1887	297	292	13	12	57	58	169	151
1888	689	672	48	39	113	100	347	351
1889	622	620	23	43	131	95	325	298
1890	201	207	9	14	35	40	99	102
1891	616	604	40	26	105	95	319	302
1892	482	495	39	29	63	74	244	235
1893	285	266	24	23	40	40	142	127
1894	263	278	17	14	50	39	127	136
1895	248	220	16	12	34	41	149	105
1896	203	199	8	12	34	25	106	105
1897	265	235	10	15	56	33	127	124

New York City, by Age and Sex.

Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
322	304	96	77	2	3	..	2	..	..	..	..
258	257	63	68	4	1	3	1	..	..	..	..
307	302	103	119	3	10	4	10	..	3	..	..
387	362	88	106	10	5	3	5	..	..	..	..
376	377	116	88	5	8	2	3	..	..	..	..
302	293	85	91	5	7	5	3	..	..	..	..
383	342	122	109	4	6	12	12	..	..	..	..
433	335	127	124	7	11	3	5	..	..	..	..
347	266	119	117	5	11	4	9	1	..	..	..
197	175	55	64	8	9	2	4	..	..	..	..
338	311	103	122	2	7	4	4	..	..	..	..
353	362	131	123	4	4	..	5	1	..	..	..
395	426	111	143	4	7	6	4	..	2	..	1
601	519	173	161	8	7	..	8	..	..	..	..
264	221	54	70	2	2	3	2	..	..	..	..
678	694	258	278	9	19	10	15	1	1	..	1
788	684	240	262	24	25	18	23	2	..	..	..
271	268	88	84	5	16	2	9	1	..	..	..
230	205	64	72	11	14	9	2	..	1	..	..
225	191	63	64	3	6	4	3	..	..	..	..
161	140	33	30	2	..	1	3	..	..	1	..
239	221	52	66	4	3	2	1	..	1	..	..
508	490	163	173	11	3	7	6	..	..	..	..
479	436	118	147	14	23	10	14	1	..	..	..
143	156	55	45	2	2	1	4	..	..	..	..
464	423	136	165	11	10	5	5	..	..	..	1
346	338	118	131	12	16	6	7	..	2	..	1
206	190	69	68	6	4	4	4	..	..	..	..
194	189	58	72	7	11	3	6	1	..	..	..
199	158	42	57	4	1	3	4	..	..	..	..
148	142	53	52	..	1	2	4	..	..	..	..
193	172	69	59	..	4	1	..	2	..	..	..

Deaths from Small-pox in Former

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1866	29	15	6	1	3	4	1	2
1867	12	7	3	3	..	..	2	....
1868	15	11	4	4	..	2	5	1
1869	104	99	19	28	18	13	22	27
1870	167	126	32	37	17	10	26	24
1871	454	351	74	58	34	33	53	43
1872	548	381	85	60	40	38	60	52
1873	67	50	15	16	1	4	2	3
*1874	281	203	57	42	33	31	45	28
1875	709	571	114	110	86	70	110	108
1876	179	136	25	25	13	11	19	26
1877	10	4	....	1	1	..	1	....
1878	1	1	....	1	..	..	....	....
1879	13	12	2	1	2	3	5	1
1880	19	12	3	2	2	3	....	....
1881	262	189	25	39	28	22	34	34
1882	142	117	21	18	10	14	32	21
1883	8	4	....	1	1	..	....	....
1884	....	....	....	....	..	..	....	....
1885	16	10	3	1	..	1	5	4
1886	22	9	4	4	1	..	3	3
1887	62	37	11	7	4	6	7	9
1888	58	23	8	5	4	3	4	4
1889	1	....	....	....	..	..	....	....
1890	2	....	....	....	..	..	....	....
1891	2	....	....	....	..	..	....	....
1892	48	33	10	10	4	3	7	5
1893	60	42	7	10	6	4	7	7
1894	97	57	9	13	9	9	7	16
1895	7	3	1	....	1	..	....	....
1896	1	....	....	....	..	..	....	....
1897	14	10	....	3	4	..	3	3

* Vaccinating corps organized September 29, 1874, in accordance with act of Legislature passed June

New York City, by Age and Sex.

Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
10	7	1	1	4	2	10	4	4	1	..	..
5	3	..	2	3	1	3	1	1	..	..	..
9	7	..	..	....	1	5	2	1	1	..	..
59	68	9	11	6	13	23	7	6	..	1	..
75	71	16	14	21	12	44	22	11	6	..	1
161	134	58	58	84	63	131	77	19	17	1	2
185	150	54	52	111	76	168	83	24	16	6	4
18	23	7	3	10	9	26	14	5	1	1	..
135	101	25	26	39	28	72	39	8	7	2	2
310	288	71	70	110	70	181	108	34	30	3	5
57	62	12	12	28	28	64	26	17	8	1	..
2	1	..	..	....	1	5	....	2	2	1	..
....	1	..	..	....	....	1	....	..	..	..	..
9	5	1	3	....	1	2	2	1	1	..	..
5	5	1	..	1	3	10	3	2	1	..	..
87	95	26	26	50	30	78	30	18	7	3	1
63	53	12	16	15	21	40	21	11	5	1	1
1	1	1	..	1	3	3	....	2	..	..	..
....	....	..	..	....	....	....	....	..	..	..	..
8	6	4	1	....	1	3	2	1	..	..	..
8	7	3	2	1	....	8	....	2	..	..	..
22	22	4	8	14	4	15	1	6	2	1	..
16	12	3	3	10	1	27	4	2	2	..	1
....	....	..	..	1	....	....	....	..	..	..	..
....	....	..	..	....	....	....	....	2	..	..	..
....	....	..	..	....	....	2	....	..	..	..	..
21	18	1	2	5	5	14	6	6	2	1	..
20	21	2	2	9	6	25	11	3	2	1	..
25	38	1	5	14	3	41	9	14	1	2	1
2	....	..	..	1	....	4	3	..	..	..	..
....	....	..	..	1	....	....	....	..	..	..	..
7	6	1	1	3	1	2	2	1	..	..	..

15, 1874.

Deaths from Scarlet Fever, Former New York City, by Months.

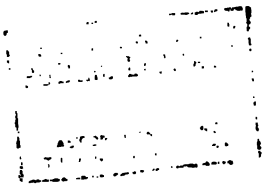
Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
1871	107	77	86	73	72	52	66	55	20	47	65	71	792
1872	95	107	103	126	131	113	75	27	25	47	65	76	990
1873	80	86	78	83	110	86	99	55	49	71	102	146	1,046
1874	116	100	114	80	78	81	58	51	52	48	45	56	879
1875	71	66	49	55	60	46	34	14	15	20	33	51	514
1876	65	80	100	134	108	99	56	26	25	33	74	91	891
1877	105	93	95	120	92	102	68	54	52	60	60	82	983
1878	111	96	110	97	93	87	57	54	35	60	102	197	1,099
1879	251	225	254	186	159	119	90	36	50	31	41	35	1,477
1880	34	33	25	38	46	30	20	27	24	54	119	168	618
1881	178	176	150	185	194	139	152	108	95	125	145	317	1,964
1882	403	401	337	291	234	154	69	44	26	26	37	44	2,066
1883	80	65	94	95	129	87	37	27	28	32	35	35	744
1884	53	60	64	68	68	54	48	21	25	19	50	78	608
1885	72	73	77	77	71	53	35	16	4	14	24	43	559
1886	89	43	42	49	44	19	25	15	11	18	23	23	371
1887	46	41	54	55	56	55	33	21	30	44	55	99	589
1888	109	116	123	136	145	138	84	79	66	65	112	188	1,361
1889	221	208	249	229	150	69	30	9	12	19	17	29	1,242
1890	47	41	58	36	32	37	24	14	15	12	40	52	408
1891	88	115	100	169	155	121	118	64	42	50	73	125	1,220
1892	145	134	138	132	144	92	33	20	24	27	36	52	977
1893	58	69	79	86	85	53	33	19	11	15	14	29	551
1894	44	66	70	78	64	67	34	18	15	15	30	40	541
1895	68	65	78	59	53	46	15	13	10	10	16	35	468
1896	74	53	37	41	46	26	25	9	12	20	28	31	402
1897	39	51	50	51	51	58	36	14	22	32	42	54	500
1898	88	66	78	56	71	48	35	9	10	16	13	33	523
1899	39	41	52	34	39	41	15	7	9	9	15	31	332
1900	32	64	46	47	34	15	17	11	9	8	8	24	315
1901	55	61	102	106	100	64	43	19	8	12	33	32	635
1902	82	82	70	80	99	70	45	20	16	24	19	28	635
1903	46	52	67	73	57	40	26	13	10	9	22	47	465
1904	79	84	73	81	66	34	20	11	7	17	31	31	534
1905	42	42	51	36	35	22	7	2	3	10	10	11	271
1906	21	23	32	19	37	14	11	6	7	6	12	24	212
1907	21	31	42	51	57	61	36	22	13	15	28	44	421

Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1	....	....	....	....	....	....	....	..	..	..	..
3	4	....	....	4	2	2	1	2	..	..	..
1	3	....	....	1	....	2	2	1	1	1	..
97	94	16	14	19	6	85	27	23	13	4	1
30	30	7	9	12	9	68	23	21	7	1	1
....	1	....	....	....	....	....	1	1	..	..	..
....	....	....	....	....	....	1	....	..	..	..	..
....	....	....	....	....	1	....	....	..	..	..	..
....	....	....	....	....	....	....	....	..	..	..	..
....	....	....	....	....	.. .	1	....	..	..	..	..

Deaths from Small-pox in Forme

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1866	29	15	6	1	3	4	1	2
1867	12	7	3	3	..	..	2	....
1868	15	11	4	4	..	2	5	1
1869	104	99	19	28	18	13	22	27
1870	167	126	32	37	17	10	26	24
1871	454	351	74	58	34	33	53	43
1872	548	381	85	60	40	38	60	52
1873	67	50	15	16	1	4	2	3
*1874	281	203	57	42	33	31	45	28
1875	709	571	114	110	86	70	120	108
1876	179	136	25	25	13	11	29	26
1877	10	4	....	1	1	..	1	....
1878	1	1	....	1	..	..	....	....
1879	13	12	2	1	2	3	5	1
1880	19	12	3	2	2	3	....	....
1881	262	189	25	39	28	22	34	34
1882	142	117	21	18	10	14	32	21
1883	8	4	....	1	1	..	....	....
1884	....	....	....	....	..	..	....	....
1885	16	10	3	1	..	1	5	4
1886	22	9	4	4	1	..	3	3
1887	62	37	11	7	4	6	7	9
1888	58	23	8	5	4	3	4	4
1889	1	....	....	....	..	..	....	....
1890	2	....	....	....	..	..	....	....
1891	2	....	....	....	..	..	....	....
1892	48	33	10	10	4	3	7	5
1893	60	42	7	10	6	4	7	7
1894	97	57	9	13	9	9	7	16
1895	7	3	1	....	1	..	....	....
1896	1	....	....	....	..	..	....	....
1897	14	10	....	3	4	..	3	3

* Vaccinating corps organized September 29, 1874, in accordance with act of Legislature passed June



Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1898	1	....	....	....	....	....	....	....
1899	11	7	2	2	1	1	....	1
1900	6	6	1	1	....	1	....	1
1901	244	155	36	37	19	26	42	31
1902	139	79	9	11	5	5	16	14
1903	1	2	....	....	....	....	....	....
1904	1	....	....	....	....	....	....	....
1905	....	1	....	....	....	....	....	....
1906	....	....	....	....	....	....	....	....
1907	1	....	....	....	....	....	....	....

New York City, by Age and Sex.

Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
47	64	1	2	..	..	..	..	..	..	..	..
65	87	..	3	..	..	..	..	..	..	..	..
88	125	1	3	..	..	..	..	..	..	..	..
146	200	6	6	..	..	..	..	..	..	..	..
78	121	1	1	..	..	..	..	..	..	..	..
194	263	2	6	..	..	..	..	..	..	..	..
251	290	10	14	..	..	..	..	..	..	..	..
116	149	1	1	..	..	..	..	..	1	..	..
213	269	1	4	..	..	..	..	..	1	..	1
183	218	2	4	..	..	..	..	..	..	..	..
172	221	5	6	..	1	1	..	..	..	..	..
184	240	5	11	..	..	..	..	..	..	..	..
156	218	3	4	..	..	..	..	..	1	..	..
246	274	7	10	..	..	..	..	..	..	..	..
132	139	2	4	..	..	..	..	..	..	..	..
129	147	6	4	..	..	..	..	..	..	..	..
281	355	8	13	..	1	..	..	..	..	..	..
160	153	8	3	1	1	..	..	..	1	..	..
217	257	9	7	..	..	..	..	..	..	..	..
214	270	2	9	..	..	..	..	..	..	..	..
254	304	7	10	..	..	..	..	..	..	..	..
85	96	2	4	..	..	..	1	..	..	..	..
224	317	14	17	..	..	..	1	..	..	..	..
283	351	2	11	..	..	..	..	..	..	..	..
204	268	7	6	1	..	1	..	..	..	..	..
165	179	3	4	..	..	..	1	..	..	..	..
154	207	2	8	..	..	..	..	..	..	..	..
244	280	5	12	..	..	..	1	..	..	..	..
100	164	3	5	..	..	..	..	..	..	..	..
210	269	5	10	..	1	1	..	..	..	..	..
183	236	6	10	..	..	..	..	..	..	..	..
130	170	2	6	..	..	..	..	..	..	..	..

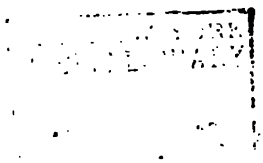
Deaths from Small-pox, Former New York City, by Months.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
1871	24	64	115	110	97	98	88	57	23	23	36	70	805
1872	105	105	116	149	185	124	48	14	7	12	31	33	929
1873	39	22	7	6	17	12	3	1	..	2	6	2	117
*1874	4	7	11	28	34	27	34	34	43	44	78	140	484
1875	150	121	101	104	180	178	157	65	42	50	64	68	1,560
1876	72	72	50	48	26	26	9	3	2	4	..	3	315
1877	1	..	4	4	1	3	1	..	..	..	..	..	14
1878	..	..	1	..	1	..	..	..	..	..	..	..	2
1879	..	..	..	2	1	8	9	4	..	..	1	..	25
1880	..	..	..	..	2	..	2	..	2	2	4	19	31
1881	31	20	44	52	77	67	32	30	11	22	20	45	451
1882	61	65	51	30	26	18	6	1	..	..	1	..	259
1883	..	..	3	5	4	..	..	..	..	..	..	..	12
1884	..	..	..	..	..	..	..	..	..	..	..	..	..
1885	..	..	..	..	..	3	2	..	5	3	8	3	26
1886	5	6	6	6	5	2	..	..	..	..	1	..	31
1887	10	15	10	12	26	5	7	4	5	2	2	1	99
1888	4	3	14	28	18	10	1	1	..	1	1	..	81
1889	..	1	..	..	..	..	..	..	..	..	..	..	1
1890	..	..	2	..	..	..	..	..	..	..	..	..	2
1891	..	..	1	1	..	..	..	..	..	..	..	..	2
1892	1	6	3	9	9	8	7	14	5	10	7	2	81
1893	3	7	11	11	9	7	2	2	19	9	9	13	102
1894	13	27	21	20	20	15	10	4	8	2	10	4	154
1895	3	4	..	..	1	..	..	..	..	2	..	..	10
1896	..	..	..	..	1	..	..	..	..	..	..	..	1
1897	..	..	2	7	6	6	3	..	..	..	..	..	24
1898	..	..	..	..	..	..	..	..	..	..	1	..	1
1899	1	1	1	1	5	7	1	..	..	1	..	..	18
1900	1	..	..	1	1	1	..	2	..	1	5	..	12
1901	9	32	37	38	62	71	80	33	9	11	7	10	399
1902	35	39	28	38	20	39	15	4	..	..	..	..	218
1903	2	..	..	1	..	..	..	..	..	..	..	..	3
1904	..	..	..	..	..	1	..	..	..	..	..	..	1
1905	..	..	..	..	..	..	..	1	..	..	..	..	1
1906	..	..	..	..	..	..	..	..	..	..	..	..	..
1907	..	..	..	..	..	..	1	..	..	..	..	..	1

* Vaccinating Corps organized September 27, 1874, under act of Legislature passed June 15, 1874.

Deaths from Whooping Cough in Forme

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1866	48	66	23	27	16	22	8	15
1867	65	90	39	45	18	26	8	16
1868	89	128	53	64	27	43	8	18
1869	152	206	74	98	46	63	26	39
1870	79	122	44	61	16	38	18	22
1871	196	269	103	136	65	78	26	49
1872	261	304	135	143	66	75	50	72
1873	117	151	56	79	29	41	31	29
1874	214	275	110	151	58	69	45	49
1875	185	222	114	123	50	55	29	40
1876	178	228	97	113	40	59	35	49
1877	189	251	98	112	47	75	39	53
1878	159	223	86	113	37	63	33	42
1879	253	284	128	132	69	87	49	55
1880	134	143	64	60	38	53	30	26
1881	135	151	73	63	33	54	23	30
1882	289	369	155	187	80	90	46	78
1883	169	158	80	88	45	37	35	28
1884	226	264	131	139	56	68	30	50
1885	216	279	118	127	57	81	39	62
1886	261	314	144	159	70	88	40	57
1887	87	101	49	48	23	30	13	18
1888	238	335	119	163	58	89	47	65
1889	285	362	167	173	67	97	49	81
1890	213	274	115	133	49	79	40	56
1891	168	184	95	96	42	44	28	39
1892	156	215	71	104	51	58	32	45
1893	249	293	122	126	83	95	39	59
1894	103	169	57	76	17	45	26	43
1895	216	280	114	127	58	92	38	50
1896	189	246	112	113	42	66	29	57
1897	132	176	73	87	26	52	31	31



Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1898	198	244	105	116	62	70	28	51
1899	158	192	74	99	58	40	25	46
1900	143	175	69	78	38	45	32	41
1901	65	94	31	43	22	29	11	19
1902	175	210	100	111	43	49	28	44
1903	76	111	41	57	22	29	13	22
1904	50	70	28	31	10	22	8	15
1905	105	134	51	70	31	33	20	27
1906	95	107	51	54	25	25	17	23
1907	107	94	59	55	30	16	17	17

Former New York City, by Age and Sex.

Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
373	327	33	44	4	5	2	5	3	4	1	2
266	254	26	25	..	3	4	2	3	..	..	..
285	250	35	39	1	1	3	1	3	1	..	..
368	345	40	47	1	1	1	4	3	1	..	..
316	306	42	50	3	2	2	5	1	1	..	1
321	287	33	52	2	4	2	1	..	..	1	1
477	459	75	97	3	2	2	3	..	1	..	2
715	680	211	242	9	3	11	3	1	5	2	1
844	811	225	333	8	9	10	8	4	4	1	2
1,199	1,159	297	388	8	10	9	9	3	5	..	..
970	861	187	213	9	11	4	12	5	3	1	1
624	529	123	125	6	5	6	2	1	1	1	..
623	573	135	156	3	3	4	1	2	4	..	2
505	476	86	104	2	7	5	6	..	1	..	1
957	899	189	238	1	3	6	4	1	2	..	..
1,326	1,233	324	347	14	19	7	10	2	4	..	1
914	879	200	219	11	6	7	8	3	4	1	2
677	624	148	165	4	15	7	9	..	4	..	..
757	720	163	166	10	5	5	7	2	1	2	..
890	891	176	200	6	4	5	4	1	2	..	1
1,138	1,022	242	261	4	6	8	10	1	2	..	1
1,319	1,127	272	276	15	19	9	13	2	2	..	2
1,071	979	224	236	12	11	10	4	2	2	2	..
967	876	200	213	5	11	5	8	..	2	4	..
762	691	151	152	1	9	4	9	1	2	1	..
837	752	163	182	6	11	8	4	3	4	..	..
941	783	160	185	9	10	6	5	2	4	1	..
1,015	995	226	283	5	12	2	8	3	5	2	2
1,207	1,111	249	275	4	5	3	11	1	3	..	1
854	765	146	181	5	5	9	6	3	2	..	..
742	692	130	167	2	8	11	7	3	1	..	..
628	641	128	170	8	3	5	5	1	1	..	..

Deaths from Whooping Cough, Former New York City, by Months.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
1871	17	14	22	24	27	15	26	53	81	71	49	66	465
1872	84	95	74	81	64	43	33	25	24	21	9	12	565
1873	14	22	35	24	19	14	23	27	26	25	18	21	268
1874	26	38	43	36	28	38	47	59	57	46	35	36	489
1875	49	43	40	36	31	31	42	31	37	25	19	23	407
1876	37	56	46	44	36	18	25	46	33	21	24	20	406
1877	23	30	39	35	24	26	55	68	61	39	16	24	440
1878	25	18	20	18	35	35	44	50	44	43	24	26	382
1879	67	61	91	59	54	40	32	25	37	27	23	21	537
1880	33	24	25	22	20	26	25	23	23	21	18	17	277
1881	15	19	19	16	13	17	22	36	37	30	29	33	286
1882	39	44	76	72	67	56	75	75	56	33	35	30	658
1883	25	32	25	31	27	19	36	43	28	21	16	14	327
1884	22	26	23	32	44	28	64	55	72	51	42	31	490
1885	28	27	35	26	24	22	49	81	56	35	36	76	495
1886	70	69	87	71	44	35	60	48	37	30	13	11	575
1887	32	11	16	10	12	11	25	24	22	8	7	10	188
1888	25	21	29	28	26	40	70	81	82	60	41	70	573
1889	53	53	83	85	67	53	57	61	41	33	28	33	647
1890	46	42	36	30	26	46	61	57	50	37	26	30	487
1891	52	36	43	47	40	25	18	21	21	19	13	17	352
1892	22	16	21	33	26	25	52	58	31	32	29	26	371
1893	39	64	90	65	55	35	45	44	34	19	16	36	542
1894	19	24	29	39	27	16	26	34	14	18	6	20	272
1895	27	30	33	48	30	44	69	64	60	39	22	30	496
1896	33	16	44	50	51	33	51	50	49	26	14	18	435
1897	22	27	38	36	24	22	29	29	25	17	10	19	308
1898	13	23	42	37	38	38	74	66	44	24	22	21	442
1899	25	32	28	20	22	28	42	44	36	24	21	28	350
1900	34	38	34	38	31	21	31	27	21	16	14	13	318
1901	10	12	14	11	12	8	13	23	13	13	14	16	159
1902	29	37	30	47	37	39	44	39	37	15	21	10	385
1903	24	16	12	16	24	15	8	22	20	10	10	10	187
1904	4	10	15	11	9	9	15	13	10	5	8	11	120
1905	10	18	25	38	26	19	29	34	15	13	3	9	239
1906	10	5	10	11	19	14	18	33	22	27	11	22	202
1907	17	12	21	23	17	28	16	34	12	9	5	7	201

Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
395	339	65	103	4	1	6	5	4	..	1	..
435	458	83	86	1	4	6	9	..	3	..	..
516	451	131	138	9	7	11	10	2	..	..	1
511	483	95	115	5	6	5	3	3	..	1	..
506	396	113	98	5	9	8	6	1	..	..	..
499	467	109	131	8	4	8	2	3	..	1	..
541	482	103	101	6	8	8	13	2	5	1	2
361	340	68	73	3	5	4	5	..	..	..	2
458	345	85	66	6	7	9	3	1	3	..	..
456	389	67	66	4	4	11	11	6	1	..	..

Deaths from Diphtheria and Croup in

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1866	416	387	92	71	113	100	168	156
1867	299	284	64	61	79	88	123	105
1868	327	292	73	43	87	73	125	134
1869	413	398	66	68	110	101	192	176
1870	364	365	48	50	106	86	160	170
1871	359	345	47	37	106	93	168	157
1872	557	564	72	57	142	132	263	270
1873	949	934	95	96	187	163	433	421
1874	1,092	1,167	107	90	227	212	510	509
1875	1,516	1,571	145	106	339	330	715	723
1876	1,176	1,101	121	103	321	228	528	530
1877	761	662	80	61	173	168	371	300
1878	767	739	91	53	179	164	353	356
1879	598	595	68	53	153	133	284	290
1880	1,154	1,146	101	77	280	251	576	571
1881	1,673	1,614	165	131	371	344	790	758
1882	1,136	1,118	113	102	291	244	510	533
1883	836	817	97	77	224	174	356	373
1884	939	899	103	69	230	215	424	436
1885	1,078	1,102	104	94	256	246	530	551
1886	1,393	1,302	159	117	329	291	650	614
1887	1,617	1,439	164	99	383	302	772	726
1888	1,321	1,232	120	118	325	284	626	577
1889	1,181	1,110	136	104	287	273	544	499
1890	920	863	99	71	233	188	430	432
1891	1,017	953	111	85	232	202	494	465
1892	1,119	987	92	67	269	222	580	494
1893	1,253	1,305	98	110	300	273	617	612
1894	1,464	1,406	125	109	351	301	731	701
1895	1,017	959	130	84	247	232	477	449
1896	888	875	96	65	241	197	405	430
1897	770	820	82	74	196	213	350	354

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1898	475	448	52	35	150	101	193	203
1899	525	560	62	52	133	149	240	257
1900	669	607	72	64	147	108	257	279
1901	620	607	64	77	172	123	275	283
1902	633	509	71	53	179	130	256	213
1903	628	604	73	56	151	147	275	264
1904	661	611	85	49	183	169	273	264
1905	436	424	69	54	111	106	181	180
1906	559	424	63	55	172	119	223	171
1907	544	471	87	64	157	139	212	186

Former New York City, by Sex and Age.

Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female
113	91	46	65	318	360	813	771	412	289	89	114
97	101	46	37	269	324	779	775	368	294	89	77
79	68	37	45	301	344	869	766	426	292	100	87
52	54	42	40	270	334	857	796	419	286	108	106
84	68	40	52	314	393	995	927	533	282	131	111
111	93	47	47	343	350	1,130	988	494	359	108	116
91	81	37	56	366	378	1,108	1,074	474	385	100	124
73	74	26	52	348	418	1,039	992	507	357	128	120
65	67	35	61	338	344	1,059	966	497	387	102	113
76	74	49	65	368	439	1,084	932	515	345	108	117
71	75	48	68	380	434	1,099	941	483	375	111	109
72	74	32	42	343	450	974	937	516	376	114	114
104	88	25	45	381	456	1,060	1,062	573	431	113	128
95	66	28	44	389	472	1,127	1,006	538	369	103	106
100	71	43	63	432	486	1,196	1,133	561	378	114	129
89	76	47	66	478	499	1,472	1,259	674	385	153	114
91	117	34	59	471	507	1,431	1,117	667	471	147	135
85	87	33	56	487	528	1,416	1,189	698	440	128	143
103	104	36	55	498	460	1,399	1,221	662	428	137	132
115	85	36	63	441	493	1,444	1,213	655	435	111	105
131	85	38	48	488	505	1,618	1,173	721	389	153	128
106	100	43	52	520	476	1,565	1,133	643	378	123	121
78	76	34	66	480	523	1,631	1,111	682	379	108	92
79	59	44	66	462	511	1,599	1,105	700	332	106	116
76	75	22	70	503	498	1,710	1,199	725	405	124	85
61	57	30	62	489	481	1,635	1,116	640	355	139	95
85	73	34	61	479	466	1,547	1,088	654	336	118	92
84	73	35	67	574	469	1,584	1,012	675	337	123	91
73	55	35	47	456	430	1,520	977	636	258	101	70
96	69	21	53	482	488	1,738	1,077	660	318	116	87
63	57	24	56	469	496	1,684	1,014	636	291	115	89
65	63	28	41	484	443	1,573	1,012	633	318	95	88

Deaths from Diphtheria and Croup, Former New York City, by Months.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
1871	83	63	74	68	52	35	29	35	41	63	81	80	70
1872	105	94	99	67	76	54	39	51	90	124	160	162	1,12
1873	151	144	116	115	108	116	124	123	176	223	245	242	1,88
1874	201	172	163	177	134	127	132	135	133	253	320	312	2,25
1875	321	272	269	251	215	243	201	173	220	283	299	340	3,08
1876	350	298	271	210	222	154	96	95	97	161	142	181	2,27
1877	108	120	134	116	105	71	84	65	121	161	175	163	1,42
1878	197	154	175	144	121	98	65	61	76	119	144	152	1,50
1879	143	113	108	67	78	66	44	60	69	122	173	150	1,19
1880	142	149	135	149	130	114	133	140	182	307	373	346	2,30
1881	328	254	288	273	271	289	257	236	227	283	268	313	3,28
1882	323	248	289	234	226	179	126	102	79	137	149	162	2,25
1883	180	140	153	149	140	114	96	114	115	136	151	165	1,65
1884	128	147	131	147	145	136	100	109	97	209	237	252	1,83
1885	178	209	190	181	181	177	151	117	135	155	213	293	2,18
1886	252	236	236	196	198	194	193	153	133	254	314	336	2,69
1887	321	263	285	271	323	275	181	125	190	228	279	315	3,09
1888	310	248	308	213	289	221	183	145	97	132	174	233	2,55
1889	269	254	277	289	247	206	137	110	100	123	122	157	2,29
1890	156	176	188	186	167	141	125	92	85	112	160	195	1,75
1891	156	185	194	166	131	133	134	111	139	176	209	236	1,97
1892	214	182	202	229	203	121	158	106	125	158	191	217	2,10
1893	239	198	241	193	206	204	188	146	148	214	279	302	2,55
1894	350	260	278	275	336	272	212	159	142	170	204	212	2,87
1895	219	175	190	187	204	171	155	137	105	112	145	176	1,97
1896	208	187	158	146	192	165	126	104	105	87	127	158	1,76
1897	162	133	167	159	195	164	127	94	89	85	107	108	1,59
1898	91	108	111	94	88	56	69	39	41	67	71	88	92
1899	97	85	98	95	94	99	82	74	53	86	104	118	1,08
1900	143	151	131	137	152	106	82	58	42	56	103	115	1,27
1901	130	99	136	137	123	117	70	55	59	78	97	126	1,22
1902	122	119	100	129	106	99	87	66	45	64	89	116	1,14
1903	128	103	120	120	132	108	95	66	67	72	88	133	1,25
1904	147	130	126	178	143	110	73	62	65	59	55	124	1,27
1905	100	95	79	100	95	65	62	50	43	46	47	78	800
1906	107	127	141	116	119	79	65	20	27	41	69	72	983
1907	109	109	77	96	94	107	86	60	52	62	63	100	1,015

Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
56	44	28	48	449	393	1,643	1,037	692	344	122	101
77	67	33	50	438	440	1,879	1,051	675	288	145	95
77	39	29	48	415	409	1,830	1,172	734	308	138	79
64	53	29	53	442	380	1,934	1,054	723	302	114	85
47	41	25	48	374	441	1,796	1,029	700	248	83	61
41	38	30	59	436	461	1,896	1,128	759	267	83	65
67	55	46	68	466	498	2,054	1,083	772	268	80	54
79	59	30	78	480	477	2,082	1,114	840	303	85	51
81	59	38	67	454	486	2,110	1,113	1,006	318	125	43
65	67	40	76	500	483	2,145	1,094	1,069	306	114	71

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1866	1,791	1,690	41	37	27	30	45	24
1867	1,648	1,608	45	32	31	30	21	39
1868	1,812	1,602	21	11	34	32	24	25
1869	1,748	1,616	2	4	22	21	28	29
1870	2,097	1,933	22	16	32	21	30	31
1871	2,233	1,953	39	35	40	29	32	29
1872	2,176	2,098	26	18	29	29	36	34
1873	2,121	2,013	18	19	15	23	30	32
1874	2,096	1,938	19	23	21	23	25	21
1875	2,200	1,972	22	28	22	21	32	25
1876	2,192	2,002	23	21	26	22	22	32
1877	2,051	1,993	27	20	23	24	22	30
1878	2,256	2,210	44	34	29	26	31	28
1879	2,280	2,063	36	28	31	20	28	18
1880	2,446	2,260	48	30	23	22	29	19
1881	2,913	2,399	39	29	24	28	26	19
1882	2,841	2,406	43	48	20	29	28	40
1883	2,847	2,443	33	32	26	26	26	29
1884	2,835	2,400	57	56	22	18	24	30
1885	2,802	2,394	50	41	29	24	36	20
1886	3,149	2,328	68	40	35	21	28	24
1887	3,000	2,260	55	44	28	41	23	15
1888	3,013	2,247	39	40	16	18	23	18
1889	2,990	2,189	32	19	30	23	17	17
1890	3,160	2,332	30	31	24	23	22	21
1891	2,994	2,166	27	25	15	16	19	16
1892	2,917	2,116	32	29	29	21	24	23
1893	3,075	2,049	31	29	27	17	26	27
1894	2,821	1,837	31	20	18	15	24	20
1895	3,113	2,092	45	26	29	27	22	16
1896	2,991	2,003	24	21	26	15	13	21
1897	2,878	1,965	28	23	24	17	13	23

Former New York City, by Sex and Age.

Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female
113	91	46	65	318	360	813	771	412	289	89	114
97	101	46	37	269	324	779	775	368	294	89	77
79	68	37	45	301	344	869	766	426	292	100	87
52	54	42	40	270	334	857	796	419	286	108	106
84	68	40	52	314	393	995	927	533	282	131	111
111	93	47	47	343	350	1,130	988	494	359	108	116
91	81	37	56	366	378	1,108	1,074	474	385	100	124
73	74	26	52	348	418	1,039	992	507	357	128	120
65	67	35	61	338	344	1,059	966	497	387	102	113
76	74	49	65	368	439	1,084	932	515	345	108	117
71	75	48	68	380	434	1,099	941	483	375	111	109
72	74	32	42	343	450	974	937	516	376	114	114
104	88	25	45	381	456	1,060	1,062	573	431	113	128
95	66	28	44	389	472	1,127	1,006	538	369	103	106
100	71	43	63	432	486	1,196	1,133	561	378	114	129
89	76	47	66	478	499	1,472	1,259	674	385	153	114
91	117	34	59	471	507	1,431	1,117	667	471	147	135
85	87	33	56	487	528	1,416	1,189	698	440	128	143
103	104	36	55	498	460	1,399	1,221	662	428	137	132
115	85	36	63	441	493	1,444	1,213	655	435	111	105
131	85	38	48	488	505	1,618	1,173	721	389	153	128
106	100	43	52	520	476	1,565	1,133	643	378	123	121
78	76	34	66	480	523	1,631	1,111	682	379	108	92
79	59	44	66	462	511	1,599	1,105	700	332	106	116
76	75	22	70	503	498	1,710	1,199	725	405	124	85
61	57	30	62	489	481	1,635	1,116	640	355	139	95
85	73	34	61	479	466	1,547	1,088	654	336	118	92
84	73	35	67	574	469	1,584	1,012	675	337	123	91
73	55	35	47	456	430	1,520	977	636	258	101	70
96	69	21	53	482	488	1,738	1,077	660	318	116	87
63	57	24	56	469	496	1,684	1,014	636	291	115	89
65	63	28	41	484	443	1,573	1,012	633	318	95	88

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1866	1,791	1,690	41	37	27	30	45	24
1867	1,648	1,608	45	32	31	30	21	39
1868	1,812	1,602	21	11	34	32	24	25
1869	1,748	1,616	2	4	22	21	28	29
1870	2,097	1,933	22	16	32	21	30	31
1871	2,233	1,953	39	35	40	29	32	29
1872	2,176	2,098	26	18	29	29	36	34
1873	2,121	2,013	18	19	15	23	30	32
1874	2,096	1,938	19	23	21	23	25	21
1875	2,200	1,972	22	28	22	21	32	25
1876	2,192	2,002	23	21	26	22	22	32
1877	2,051	1,993	27	20	23	24	22	30
1878	2,256	2,210	44	34	29	26	31	28
1879	2,280	2,063	36	28	31	20	28	18
1880	2,446	2,260	48	30	23	22	29	19
1881	2,913	2,399	39	29	24	28	26	19
1882	2,841	2,406	43	48	20	29	28	40
1883	2,847	2,443	33	32	26	26	26	29
1884	2,835	2,400	57	56	22	18	24	30
1885	2,802	2,394	50	41	29	24	36	20
1886	3,149	2,328	68	40	35	21	28	24
1887	3,000	2,260	55	44	28	41	23	15
1888	3,013	2,247	39	40	16	18	23	18
1889	2,990	2,189	32	19	30	23	17	17
1890	3,160	2,332	30	31	24	23	22	21
1891	2,994	2,166	27	25	15	16	19	16
1892	2,917	2,116	32	29	29	21	24	23
1893	3,075	2,049	31	29	27	17	26	27
1894	2,821	1,837	31	20	18	15	24	20
1895	3,113	2,092	45	26	29	27	22	16
1896	2,991	2,003	24	21	26	15	13	21
1897	2,878	1,965	28	23	24	17	13	23

City of New York, by Age and Sex.

Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
..	4	3	2	1	5	13	58	36	96	21	30
1	..	..	2	2	..	26	73	46	97	14	32
1	1	..	1	3	3	20	68	44	109	16	49
1	1	..	..	1	1	21	76	37	111	18	37
..	..	1	2	1	4	23	72	70	122	15	45
..	1	..	3	..	2	22	79	56	127	15	30
2	3	1	..	3	3	23	98	61	131	24	43
3	2	1	..	5	6	38	93	68	142	23	44
3	..	4	1	5	5	23	92	63	149	26	45
..	..	2	1	3	4	25	84	81	149	36	39
1	2	..	1	5	5	31	86	90	149	25	64
1	..	2	1	5	6	33	102	77	163	35	70
2	..	1	1	3	2	37	102	104	209	35	74
2	..	2	1	4	5	39	106	102	184	44	83
4	2	3	..	4	4	45	119	117	235	46	80
2	5	1	1	7	4	49	127	129	239	56	86
3	2	2	..	10	5	58	141	137	235	55	84
3	2	3	2	4	5	36	144	128	219	47	85
2	3	..	1	7	3	46	124	152	237	56	100
2	2	..	5	4	2	45	146	124	287	53	84
4	4	1	2	4	9	53	136	145	262	50	109
1	..	1	3	10	6	63	148	137	309	66	88
2	2	1	1	1	9	57	160	157	304	66	110
2	..	4	1	4	8	52	164	149	297	65	102
4	3	3	1	6	7	70	171	186	298	87	118
3	..	4	4	2	9	70	148	172	306	67	117
3	4	6	..	8	6	60	177	197	337	82	116
5	4	1	4	3	4	87	152	191	319	96	127
4	3	2	4	5	5	65	158	208	345	78	145
6	7	2	5	4	7	65	164	216	316	98	140
4	6	1	2	7	9	93	168	238	350	106	157
5	2	1	2	8	5	83	160	266	407	111	167

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1898	2,990	1,967	29	13	18	12	9	19
1899	3,247	1,991	37	28	16	13	24	26
1900	3,223	2,055	28	11	22	10	27	18
1901	3,306	1,927	25	18	19	17	20	18
1902	3,025	1,868	14	12	15	13	18	16
1903	3,245	2,018	17	8	9	14	15	16
1904	3,485	2,026	26	17	16	20	25	18
1905	3,596	2,082	36	12	18	24	25	23
1906	3,814	2,086	28	20	29	17	24	22
1907	3,933	2,097	24	22	20	24	21	21

Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
..	7	6	..	6	11	90	198	290	389	105	158
5	2	2	6	9	9	81	200	283	428	129	167
3	3	8	1	17	9	93	222	305	465	132	215
7	4	4	..	11	15	129	241	336	487	142	199
6	8	5	3	9	11	122	225	325	491	123	208
7	5	6	3	9	12	118	237	343	551	172	220
8	12	3	4	11	13	126	249	405	519	157	233
4	5	5	5	18	10	143	266	385	544	213	236
4	6	9	2	16	15	135	245	399	598	203	224
13	4	8	6	14	13	141	283	459	646	204	241

Deaths from Pulmonary Tuberculosis, Former New York City, by Months.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
1871	403	375	407	371	345	292	347	306	328	345	308	359	4,180
1872	343	390	434	380	359	310	351	345	319	346	324	373	4,274
1873	388	354	405	385	371	300	295	307	333	318	343	335	4,134
1874	313	340	356	375	350	270	284	322	331	364	344	385	4,034
1875	386	374	428	428	333	274	325	309	317	333	303	362	4,172
1876	358	350	415	344	339	309	373	324	347	358	337	340	4,194
1877	356	337	361	357	342	297	338	323	318	341	329	345	4,044
1878	391	355	417	353	355	345	354	384	342	393	374	403	4,466
1879	417	389	408	393	332	301	346	286	334	367	389	381	4,343
1880	402	375	412	394	365	351	385	380	376	408	399	459	4,706
1881	494	424	468	484	450	357	407	396	428	465	477	462	5,312
1882	456	437	479	491	474	376	443	383	400	464	404	440	5,247
1883	463	440	553	493	473	363	450	396	371	406	409	473	5,299
1884	412	432	470	447	433	416	406	419	397	467	470	466	5,235
1885	475	450	530	475	443	376	401	415	415	439	380	397	5,196
1886	490	412	521	511	495	423	439	443	374	432	459	478	5,477
1887	522	438	486	504	437	411	390	386	404	425	419	438	5,260
1888	412	445	588	520	463	351	413	408	350	461	398	451	5,260
1889	445	430	485	426	417	376	422	440	422	412	384	520	5,179
1890	797	512	476	418	422	368	428	413	424	400	394	440	5,402
1891	468	378	521	508	478	344	387	399	421	414	407	435	5,160
1892	468	415	511	516	451	363	407	362	389	360	364	427	5,033
1893	412	402	567	554	474	394	393	418	333	386	367	424	5,124
1894	421	389	438	368	388	366	397	381	350	358	384	420	4,658
1895	489	464	502	458	414	365	389	442	401	450	412	419	5,205
1896	460	415	466	468	495	409	364	404	408	383	326	396	4,994
1897	422	459	406	400	381	363	392	420	390	444	369	397	4,843
1898	387	358	443	416	439	376	423	379	410	413	437	476	4,957
1899	493	475	514	465	435	394	416	416	353	410	433	434	5,258
1900	440	442	509	527	508	420	423	399	370	427	386	427	5,278
1901	529	440	492	477	435	421	410	410	398	428	412	381	5,233
1902	412	430	468	436	406	401	404	366	357	434	394	385	4,892
1903	502	481	494	482	454	374	391	406	379	409	418	473	5,263
1904	453	487	553	550	534	397	439	436	382	416	444	420	5,511
1905	485	449	580	531	502	449	429	416	440	444	465	490	5,679
1906	502	487	560	510	520	486	460	479	428	486	467	515	5,900
1907	546	540	625	606	525	476	451	442	383	443	456	537	6,032

Deaths from Cancer in Forma

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1866	74	195	..	2	..	..	..	2
1867	89	204	1	..	..	..	..	..
1868	84	231	..	..	..	..	1	1
1869	78	226	..	..	..	..	1	1
1870	110	245	..	..	..	..	..	..
1871	93	242	..	..	..	..	..	1
1872	114	278	..	1	..	1	2	1
1873	138	287	1	..	2	..	..	2
1874	124	292	..	..	1	..	2	..
1875	147	277	..	..	..	..	..	..
1876	152	307	..	..	1	1	..	1
1877	153	342	1	..	..	..	..	..
1878	182	388	2	..	..	..	..	..
1879	193	379	..	..	..	..	2	..
1880	219	440	..	..	1	1	3	1
1881	244	462	..	1	..	1	2	3
1882	265	467	..	1	1	..	2	1
1883	221	457	1	..	..	1	2	1
1884	263	468	1	1	..	..	1	2
1885	228	526	..	1	..	1	2	..
1886	257	522	..	1	..	1	4	2
1887	278	554	..	..	..	..	1	..
1888	284	586	..	..	1	1	1	1
1889	276	572	..	..	1	..	1	..
1890	356	598	1	1	..	..	3	2
1891	318	584	1	..	1	..	1	..
1892	356	640	..	..	..	2	3	2
1893	383	610	1	1	2	1	2	2
1894	362	660	..	1	..	..	4	2
1895	391	639	1	3	2	..	3	4
1896	449	692	..	3	1	1	3	2
1897	474	743	..	1	..	..	5	1

City of New York, by Sex and Age.

Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
227	176	6	9	2	2	13	20	27	20	26	29
229	218	8	6	3	6	23	23	25	25	17	42
285	279	10	10	5	1	28	18	33	39	42	53
358	279	7	11	1	1	22	16	39	29	38	76
326	290	7	11	4	5	12	21	29	33	35	82
373	349	12	6	3	5	15	12	30	36	59	64
385	359	5	13	2	4	20	18	40	44	52	98
407	375	8	11	4	6	19	16	34	38	53	97
387	356	5	10	1	5	28	16	50	37	62	108
449	331	6	9	1	1	16	19	48	44	65	122
464	356	8	8	2	4	15	16	47	53	93	148
332	334	11	9	1	1	22	24	36	49	60	154
480	377	10	10	1	3	20	18	37	54	62	112
422	408	13	12	3	2	18	24	53	49	84	175
482	424	12	11	7	2	31	31	68	69	104	134
580	483	17	15	7	4	27	23	46	73	101	135
597	547	11	15	4	6	23	20	62	60	90	148
535	412	13	6	5	4	30	28	59	82	121	140
517	445	10	19	8	6	27	29	64	97	97	166
569	466	11	11	8	16	38	28	71	78	104	205
612	504	14	9	8	9	53	43	81	91	104	173
630	542	12	21	15	15	48	47	99	110	122	177
669	576	14	13	13	8	36	47	106	101	117	192
658	538	13	11	15	23	46	50	73	114	103	170
721	666	19	14	11	16	49	53	86	118	79	155
700	592	15	17	8	9	46	39	74	111	81	144
716	588	17	12	12	10	50	42	70	79	65	93
593	581	7	13	7	14	44	35	54	75	51	103
560	468	7	15	7	11	16	27	40	53	45	80
648	629	11	15	5	3	26	20	47	74	53	105
555	497	10	9	5	4	17	14	37	49	32	63
451	389	6	16	1	4	13	15	30	45	36	83

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1898	497	763	..	..	..	3	..	4
1899	509	812	1	2	..	..	4	..
1900	558	915	1	2	1	..	1	1
1901	629	946	..	1	..	1	7	2
1902	590	946	1	1	2	1	3	6
1903	655	1,028	3	1	1	1	3	3
1904	710	1,030	1	4	2	2	5	6
1905	768	1,066	1	2	1	..	2	3
1906	766	1,090	2	2	1	..	1	4
1907	839	1,193	5	3	2	1	6	..

Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
..	7	6	..	6	11	90	198	290	389	105	158
5	2	2	6	9	9	81	200	283	428	129	167
3	3	8	1	17	9	93	222	305	465	132	215
7	4	4	..	11	15	129	241	336	487	142	199
6	8	5	3	9	11	122	225	325	491	123	208
7	5	6	3	9	12	118	237	343	551	172	220
8	12	3	4	11	13	126	249	405	519	157	233
4	5	5	5	18	10	143	266	385	544	213	236
4	6	9	2	16	15	135	245	399	598	203	224
13	4	8	6	14	13	141	283	459	646	204	241

Deaths from Cancer, Former New York City, by Months.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
1871	28	20	35	26	34	20	34	24	26	24	40	24	335
1872	30	34	31	26	44	37	26	34	34	29	32	35	392
1873	40	29	32	35	31	32	50	38	45	30	29	34	425
1874	41	33	37	39	38	32	30	32	36	40	31	27	416
1875	36	30	45	40	36	40	38	33	37	29	33	26	423
1876	32	36	37	27	42	45	36	36	40	34	37	57	459
1877	40	39	42	38	41	33	46	52	40	38	39	47	495
1878	44	47	51	45	48	55	56	41	58	46	40	39	570
1879	44	42	48	50	44	47	57	57	50	41	43	49	572
1880	45	54	67	55	62	55	61	49	52	50	56	53	659
1881	66	58	44	60	73	60	46	59	56	70	55	59	706
1882	75	48	63	66	51	68	69	57	53	67	52	63	732
1883	50	52	56	50	71	63	57	62	57	51	58	51	678
1884	58	57	74	65	69	61	61	61	46	53	61	65	731
1885	55	68	67	46	62	69	66	60	56	68	69	68	754
1886	53	73	78	62	65	70	62	67	49	69	64	67	779
1887	82	49	59	70	63	80	68	73	66	92	56	74	832
1888	75	67	80	89	78	78	46	62	73	84	64	74	870
1889	58	51	76	68	72	72	77	85	68	73	70	78	848
1890	92	61	80	78	102	80	78	72	81	65	79	86	954
1891	60	63	102	79	81	60	65	68	81	86	59	98	902
1892	76	83	90	82	82	81	87	85	84	86	83	77	996
1893	63	80	92	89	86	66	98	96	70	84	77	92	993
1894	78	75	86	92	85	89	104	93	69	79	79	93	1,022
1895	99	78	86	86	74	68	106	105	81	95	67	85	1,030
1896	97	96	91	103	93	94	93	101	79	93	105	96	1,141
1897	107	118	105	88	109	83	98	114	88	113	95	99	1,217
1898	90	83	105	107	110	101	120	113	98	115	117	101	1,260
1899	96	88	112	114	106	120	112	111	101	119	118	124	1,321
1900	135	133	120	133	122	121	119	125	121	119	122	103	1,473
1901	149	114	142	124	140	147	147	111	117	125	122	137	1,575
1902	116	100	123	130	168	127	124	138	115	117	136	142	1,536
1903	165	125	153	147	128	140	147	141	124	132	123	158	1,683
1904	143	134	157	137	153	113	131	146	174	145	159	148	1,740
1905	145	132	165	169	143	150	157	143	141	164	166	159	1,834
1906	156	154	142	160	144	136	161	167	159	157	147	173	1,856
1907	158	153	204	167	154	180	172	161	156	180	159	188	2,032

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1866	301	256	163	123	46	29	18	24
1867	375	320	184	140	81	53	34	25
1868	403	400	186	176	63	58	36	45
1869	465	412	231	155	71	76	56	48
1870	413	442	243	186	52	60	31	44
1871	492	472	259	238	79	67	35	44
1872	504	536	269	234	75	89	41	36
1873	525	543	295	258	79	75	33	42
1874	533	532	278	238	68	71	41	47
1875	585	526	307	233	97	54	45	44
1876	629	585	331	241	89	71	44	44
1877	462	571	238	234	64	61	30	39
1878	610	574	334	268	97	67	49	42
1879	593	670	305	292	75	73	42	43
1880	704	671	352	283	84	93	46	48
1881	778	733	404	311	108	103	68	69
1882	787	796	426	344	110	123	61	80
1883	763	672	386	279	100	96	49	37
1884	723	762	377	304	99	101	41	40
1885	801	804	388	327	129	92	52	47
1886	872	829	413	324	122	112	77	68
1887	926	912	453	361	114	102	63	79
1888	955	937	518	398	102	115	49	63
1889	908	906	459	362	137	120	62	56
1890	965	1,022	498	447	145	154	78	65
1891	924	912	494	403	147	122	59	67
1892	930	824	500	385	138	139	78	64
1893	756	821	425	408	106	108	62	65
1894	675	654	358	307	141	99	61	62
1895	790	846	461	406	124	158	63	65
1896	656	636	398	323	102	117	55	57
1897	537	552	328	258	83	87	40	44

New York City, by Age and Sex.

Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
396	343	19	17	47	41	123	87	126	79	53	57
461	386	33	24	37	30	95	80	109	77	38	64
508	496	26	27	29	48	139	93	121	80	47	54
632	581	64	39	48	30	164	116	181	97	55	93
527	412	31	26	44	33	183	137	183	100	78	82
506	446	28	39	35	32	183	106	177	105	93	84
615	443	37	57	54	31	224	131	221	142	87	108
637	518	41	42	72	44	277	139	228	127	102	101
615	517	44	45	58	42	252	151	263	165	103	143
663	597	46	42	65	56	334	179	319	177	131	193
687	576	57	43	51	58	234	177	229	168	101	161
560	484	41	38	59	49	206	128	209	160	96	118
649	585	43	42	46	35	170	133	192	149	104	140
638	520	56	51	69	42	261	163	246	194	141	173
704	607	53	59	77	52	293	188	289	211	136	153
823	677	67	72	77	53	360	213	357	227	152	193
883	707	61	69	114	61	429	219	322	261	167	179
726	623	66	73	112	74	448	243	438	251	157	198
755	667	61	66	82	67	388	209	338	234	143	149
820	683	51	57	123	82	454	277	396	315	199	193
863	696	66	70	126	79	463	256	389	268	156	224
849	727	61	69	119	81	472	268	377	283	181	220
984	844	87	81	150	76	537	305	481	334	183	226
955	812	82	59	136	114	581	279	406	313	146	192
1,069	969	84	69	183	127	720	416	516	393	187	256
1,410	1,096	121	84	182	137	719	416	552	484	274	343
1,444	1,203	113	102	191	122	816	378	570	407	229	266
1,353	1,157	99	106	233	145	985	485	769	557	253	345
1,259	987	72	78	139	100	601	319	435	318	206	211
1,558	1,310	93	97	163	124	638	367	463	383	231	324
1,506	1,236	82	79	147	91	594	301	508	368	209	262
1,358	1,069	70	73	108	90	482	259	374	275	193	270

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1898	2,861	2,440	759	607	428	406	259	229
1899	2,936	2,482	800	637	441	398	256	259
1900	3,715	3,032	953	689	544	491	327	323
1901	3,137	2,655	783	631	432	441	242	236
1902	3,081	2,760	930	756	502	510	258	290
1903	3,437	2,871	841	696	462	405	257	259
1904	4,629	3,400	877	763	560	496	299	245
1905	3,395	2,744	866	679	469	423	248	214
1906	3,705	2,977	1,000	851	577	487	272	233
1907	4,119	3,219	1,009	868	543	461	303	265

Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1,446	1,242	76	95	118	97	562	349	415	380	244	277
1,497	1,294	77	80	122	115	536	312	463	366	241	315
1,824	1,503	100	128	180	120	693	384	604	499	314	398
1,457	1,308	93	93	122	115	650	373	541	431	274	335
1,690	1,556	90	115	102	113	487	323	470	336	242	317
1,560	1,360	99	106	137	93	631	377	657	516	353	419
1,736	1,504	122	144	167	108	1,095	428	1,038	668	471	548
1,583	1,316	86	89	123	91	674	308	622	514	307	426
1,849	1,571	88	73	122	72	653	345	655	462	338	454
1,855	1,594	91	74	145	83	787	358	813	551	428	559

Deaths from Bronchitis, Former New York City, by Months.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
1871	93	88	97	89	101	59	53	52	69	81	81	101	964
1872	95	101	135	134	87	64	59	38	57	73	80	117	1,040
1873	122	123	107	110	98	54	54	58	44	56	114	128	1,068
1874	111	111	127	108	94	52	47	51	67	76	101	120	1,065
1875	149	110	137	110	93	55	57	44	69	90	90	107	1,111
1876	120	139	178	107	81	65	58	82	63	89	99	133	1,214
1877	115	127	129	94	72	59	50	42	56	88	90	111	1,033
1878	119	130	142	123	113	67	57	49	69	95	122	98	1,184
1879	159	130	145	114	95	63	64	51	71	111	126	134	1,263
1880	106	122	140	138	131	102	43	82	78	112	126	195	1,375
1881	166	169	153	159	120	93	81	69	86	106	135	174	1,511
1882	218	169	188	152	167	103	78	67	76	92	133	140	1,583
1883	155	132	183	174	145	79	59	68	77	87	110	166	1,435
1884	158	131	148	137	124	84	79	78	75	118	160	193	1,485
1885	157	180	210	163	137	105	93	76	89	93	124	178	1,605
1886	203	178	190	127	119	88	85	76	101	142	164	228	1,701
1887	218	168	206	180	159	109	81	98	132	151	142	194	1,838
1888	191	200	227	181	168	120	111	97	111	144	158	184	1,892
1889	182	217	234	159	133	107	96	104	105	120	129	128	1,814
1890	391	190	229	201	163	116	94	98	96	121	136	152	1,987
1891	174	127	195	333	179	120	82	82	107	124	117	196	1,830
1892	221	179	206	195	185	125	106	57	107	104	132	137	1,754
1893	181	135	241	229	134	80	68	76	82	93	101	157	1,577
1894	175	156	128	136	97	103	62	63	71	95	107	136	1,329
1895	229	195	180	167	126	86	66	70	74	118	144	181	1,636
1896	142	131	179	177	125	67	58	80	72	88	76	97	1,292
1897	100	124	125	109	103	77	51	54	72	86	83	105	1,089
1898	112	135	147	102	90	55	45	50	72	91	90	138	1,127
1899	134	123	110	105	88	68	53	46	66	101	124	114	1,152
1900	137	169	177	145	85	43	39	32	36	69	84	77	1,093
1901	112	97	115	104	69	49	27	43	44	68	74	132	934
1902	153	119	104	103	92	40	43	51	61	71	93	90	1,020
1903	88	97	93	96	91	49	37	37	53	53	76	89	859
1904	135	129	137	113	85	59	51	33	60	67	79	96	1,044
1905	104	93	110	105	74	62	45	43	35	52	69	72	864
1906	112	90	116	73	58	39	38	23	25	48	45	53	720
1907	47	61	49	35	42	32	35	24	25	16	28	41	435

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1866	764	624	219	194	102	87	75	62
1867	773	661	270	182	112	119	79	85
1868	870	798	303	263	127	144	78	89
1869	1,144	956	318	302	168	152	146	127
1870	1,046	790	295	225	146	118	86	69
1871	1,022	812	251	228	153	116	102	102
1872	1,238	912	320	221	171	122	124	100
1873	1,357	971	367	295	170	123	100	100
1874	1,335	1,063	356	277	167	135	92	105
1875	1,558	1,244	356	299	201	181	106	117
1876	1,359	1,183	352	294	194	168	141	114
1877	1,171	977	295	268	165	125	103	91
1878	1,204	1,084	310	280	200	179	139	126
1879	1,411	1,143	351	239	161	161	126	120
1880	1,552	1,270	370	293	184	188	150	126
1881	1,836	1,425	400	307	232	203	191	157
1882	1,976	1,496	441	329	250	210	192	168
1883	1,947	1,462	370	305	210	175	146	143
1884	1,767	1,392	378	328	216	215	161	124
1885	2,043	1,607	398	323	252	196	170	164
1886	2,063	1,593	456	353	259	193	148	150
1887	2,059	1,648	448	352	232	198	169	177
1888	2,422	1,866	480	435	286	232	218	177
1889	2,306	1,769	502	422	266	230	187	160
1890	2,759	2,230	552	435	310	325	207	209
1891	3,258	2,560	739	504	384	343	287	249
1892	3,363	2,478	730	598	440	362	274	243
1893	3,692	2,795	721	591	371	323	261	243
1894	2,712	2,013	660	496	356	286	243	205
1895	3,146	2,605	802	609	484	433	272	268
1896	3,046	2,337	802	620	445	370	259	246
1897	2,585	2,036	736	595	386	307	236	167

New York City, by Sex and Age.

Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
15	9	14	11	23	26	94	53	76	47	20	24
8	1	11	6	18	29	84	87	86	44	18	11
14	12	8	10	25	25	122	100	89	56	43	30
19	11	21	19	25	31	117	71	112	66	36	29
20	10	14	5	39	43	144	139	150	115	65	43
21	6	14	14	29	33	180	188	184	159	73	46
13	8	16	21	36	35	201	168	185	140	72	54
8	12	13	9	27	36	158	182	173	149	52	57
10	12	12	11	18	36	146	163	185	113	58	64
7	9	7	9	27	42	166	175	193	152	61	61
8	7	16	9	27	31	183	165	203	171	79	59
13	5	18	15	22	31	173	166	194	142	73	71
19	5	17	14	29	37	158	130	196	157	80	77
14	9	14	14	36	35	181	185	208	183	73	75
10	1	15	10	24	28	179	180	233	186	79	84
17	5	15	13	31	28	204	179	275	208	113	99
13	17	12	12	28	41	230	204	259	218	98	109
12	6	14	16	28	28	229	172	266	211	112	101
15	12	14	12	23	44	190	175	259	210	108	101
11	7	14	12	26	45	197	159	278	220	132	87
9	9	6	8	27	24	191	175	266	229	128	138
7	9	13	8	28	27	182	187	227	204	124	112
13	12	18	14	33	41	171	178	244	222	106	95
18	8	11	13	36	49	313	241	408	305	183	178
10	9	10	6	33	57	366	269	450	391	219	203
19	11	14	20	49	38	385	318	468	371	215	205
18	12	23	16	39	61	349	310	460	352	189	162
11	7	13	17	44	40	373	280	463	397	236	190
12	5	18	15	46	47	305	275	438	337	204	177
4	11	8	5	30	35	290	248	493	401	257	237
9	9	8	12	35	39	308	270	513	406	300	286
7	6	9	12	38	49	268	239	454	412	278	287

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1898	2,861	2,440	759	607	428	406	259	229
1899	2,936	2,482	800	637	441	398	256	299
1900	3,715	3,032	953	689	544	491	327	323
1901	3,137	2,655	783	631	432	441	242	236
1902	3,081	2,760	930	756	502	510	258	290
1903	3,437	2,871	841	696	462	405	257	259
1904	4,029	3,400	877	763	560	496	299	245
1905	3,395	2,744	866	679	469	423	248	214
1906	3,705	2,977	1,000	851	577	487	272	233
1907	4,119	3,219	1,009	868	543	461	303	265

Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
9	4	4	15	47	44	323	289	579	464	342	306
16	7	14	22	44	49	393	334	654	538	375	293
29	16	9	21	44	45	416	388	678	581	345	352
47	31	26	20	43	47	464	362	653	508	368	382
34	19	15	17	45	51	446	316	666	554	336	315
11	7	15	18	40	40	386	332	651	547	419	352
8	11	5	15	47	50	413	368	749	609	443	428
4	6	10	10	40	38	381	340	744	615	511	476
5	1	7	11	39	46	466	372	802	547	492	444
8	6	10	10	37	33	402	327	737	514	432	415

Deaths from Pneumonia, Former New York City, by Months.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	[illegible]
1871	227	195	213	188	170	94	79	63	108	157	148	192	[illegible]
1872	198	267	316	264	228	124	89	81	87	134	149	213	[illegible]
1873	224	228	280	248	269	155	116	109	105	146	229	219	[illegible]
1874	239	245	279	323	242	160	110	97	107	128	214	254	[illegible]
1875	410	297	364	278	265	149	138	113	135	174	225	254	[illegible]
1876	255	321	370	282	241	149	114	105	118	156	195	236	[illegible]
1877	263	212	278	243	194	115	105	108	109	154	176	191	[illegible]
1878	280	247	306	249	222	143	84	103	106	141	181	226	[illegible]
1879	341	251	330	274	214	126	103	92	114	171	268	270	[illegible]
1880	261	248	266	375	340	163	127	108	134	205	246	349	[illegible]
1881	366	371	391	393	282	176	151	134	157	200	254	386	[illegible]
1882	376	370	453	393	464	234	169	103	135	191	225	359	[illegible]
1883	357	361	526	472	345	213	133	122	127	182	240	331	[illegible]
1884	348	339	349	304	268	186	167	150	156	209	298	385	[illegible]
1885	376	486	587	512	337	229	150	139	149	160	217	308	[illegible]
1886	387	354	506	374	256	184	176	160	125	258	376	500	[illegible]
1887	480	370	394	466	390	164	137	119	205	260	347	375	[illegible]
1888	460	505	648	426	409	222	175	168	203	335	318	419	[illegible]
1889	405	394	534	508	352	229	147	161	205	270	308	562	[illegible]
1890	1,111	434	487	465	412	276	205	223	196	285	362	533	[illegible]
1891	502	478	646	1,112	563	352	237	208	242	296	508	674	[illegible]
1892	648	609	685	691	711	385	301	255	254	340	464	498	[illegible]
1893	687	613	1,089	1,082	653	359	252	223	234	287	379	629	[illegible]
1894	680	551	525	512	425	314	230	206	224	286	333	439	[illegible]
1895	835	609	618	681	541	311	231	268	267	366	449	575	[illegible]
1896	633	619	739	803	522	284	257	218	298	340	324	346	[illegible]
1897	422	494	627	489	401	303	228	236	259	358	353	451	[illegible]
1898	497	543	560	536	496	317	264	244	309	376	447	712	[illegible]
1899	623	584	580	556	478	324	293	231	298	365	438	648	[illegible]
1900	713	893	1,117	938	634	374	297	240	247	380	405	509	[illegible]
1901	790	493	724	612	500	336	245	231	267	391	498	705	[illegible]
1902	859	776	659	574	571	322	285	257	306	366	407	459	[illegible]
1903	692	745	742	645	616	370	321	263	268	351	548	747	[illegible]
1904	1,011	1,043	1,154	1,119	754	381	291	275	281	382	525	813	[illegible]
1905	804	684	737	701	553	375	299	261	237	340	523	625	[illegible]
1906	749	679	883	822	668	412	276	279	314	410	505	685	[illegible]
1907	932	804	876	735	623	497	352	365	315	384	551	904	[illegible]

Deaths from Heart Diseases, Former New York City, by Months.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
1871	79	58	69	80	84	54	57	60	54	58	73	87	813
1872	95	77	86	75	84	77	62	64	57	69	77	71	894
1873	76	56	80	68	77	75	55	66	73	67	86	81	860
1874	77	76	63	88	87	59	63	59	62	87	71	91	883
1875	102	88	70	95	85	77	72	73	67	82	70	104	985
1876	86	74	86	84	77	76	90	70	76	94	77	102	992
1877	84	61	99	71	75	68	63	61	53	78	72	94	879
1878	106	82	106	102	86	80	66	62	91	89	85	113	1,068
1879	115	137	121	102	80	93	81	94	81	81	102	77	1,164
1880	123	93	104	99	99	94	86	81	74	96	83	121	1,153
1881	134	106	109	130	134	96	88	90	102	93	101	106	1,289
1882	131	102	130	156	137	121	126	92	86	111	142	143	1,477
1883	160	157	146	147	150	125	132	122	118	129	138	169	1,693
1884	153	130	158	135	162	129	118	109	111	136	160	161	1,662
1885	155	164	172	183	168	135	137	126	121	130	144	165	1,800
1886	183	180	186	165	154	154	144	122	119	121	169	107	1,894
1887	162	178	196	184	168	143	149	144	188	149	173	184	2,018
1888	174	153	176	168	172	143	139	126	148	171	163	147	1,880
1889	165	167	189	158	186	135	148	151	132	151	175	213	1,970
1890	184	155	196	176	194	162	146	143	122	151	167	182	1,978
1891	223	142	235	221	215	177	167	174	146	200	185	200	2,285
1892	208	222	232	244	184	182	191	150	144	186	177	210	2,330
1893	236	200	252	229	221	192	198	175	150	162	169	195	2,379
1894	212	183	195	194	191	185	172	169	160	156	189	164	2,170
1895	234	199	231	205	191	149	169	194	145	197	168	215	2,297
1896	217	191	242	215	214	165	170	165	185	246	197	189	2,396
1897	234	185	256	219	194	162	160	177	178	197	172	212	2,346
1898	193	154	168	170	203	195	143	180	201	237	244	291	2,379
1899	204	218	233	218	189	137	129	131	154	181	197	212	2,203
1900	199	184	222	240	222	168	155	172	148	187	166	213	2,276
1901	253	279	338	292	303	276	187	195	214	212	247	292	3,088
1902	334	301	316	311	307	240	201	216	186	256	233	232	3,133
1903	278	268	277	297	258	243	225	226	200	249	292	251	3,064
1904	286	293	297	324	275	184	207	236	197	265	285	340	3,188
1905	242	315	274	287	268	215	213	207	243	257	267	284	3,072
1906	290	269	299	333	301	258	290	236	273	283	326	348	3,506
1907	373	350	354	349	387	341	316	260	324	356	377	424	4,221

Deaths from Bright's Disease in Former

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1866	242	170	2	2	2	3	11	4
1867	225	178	1	..	2	..	5	1
1868	301	233	1	1	3	2	10	9
1869	330	227	2	2	3	2	14	7
1870	432	355	2	2	5	1	13	7
1871	501	446	2	1	3	2	16	3
1872	523	426	3	..	3	1	7	7
1873	431	445	..	..	2	1	6	11
1874	429	399	2	2	2	2	6	8
1875	461	448	2	4	..	..	5	5
1876	516	442	1	..	1	3	6	4
1877	493	430	2	..	2	..	9	5
1878	499	420	2	1	2	1	15	3
1879	526	501	3	..	1	1	10	8
1880	540	489	2	..	2	..	6	1
1881	655	532	6	1	2	..	9	4
1882	640	601	2	4	1	2	10	11
1883	661	534	2	..	4	4	6	2
1884	609	554	3	2	3	2	9	8
1885	658	530	4	4	1	1	6	2
1886	627	583	3	2	2	1	4	6
1887	581	547	1	2	2	2	4	5
1888	585	562	1	4	2	1	10	7
1889	969	794	4	2	4	1	10	5
1890	1,089	935	1	2	1	..	8	7
1891	1,153	963	5	2	2	1	12	8
1892	1,078	913	6	3	4	1	8	8
1893	1,140	931	1	1	1	1	9	5
1894	1,023	856	1	1	1	1	10	3
1895	1,082	937	2	1	1	3	1	7
1896	1,173	1,022	1	3	5	3	3	3
1897	1,054	1,005	2	..	1	..	4	6

New York City, by Sex and Age.

Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
15	9	14	11	23	26	94	53	76	47	20	24
8	1	11	6	18	29	84	87	86	44	18	11
14	12	8	10	25	25	122	100	89	56	43	30
19	11	21	19	25	31	117	71	112	66	36	29
20	10	14	5	39	43	144	139	150	115	65	43
21	6	14	14	29	33	180	188	184	159	73	46
13	8	16	21	36	35	201	168	185	140	72	54
8	12	13	9	27	36	158	182	173	149	52	57
10	12	12	11	18	36	146	163	185	113	58	64
7	9	7	9	27	42	166	175	193	152	61	61
8	7	16	9	27	31	183	165	203	171	79	59
13	5	18	15	22	31	173	166	194	142	73	71
19	5	17	14	29	37	158	130	196	157	80	77
14	9	14	14	36	35	181	185	208	183	73	75
10	1	15	10	24	28	179	180	233	186	79	84
17	5	15	13	31	28	204	179	275	208	113	99
13	17	12	12	28	41	230	204	259	218	98	109
12	6	14	16	28	28	229	172	266	211	112	101
15	12	14	12	23	44	190	175	259	210	108	101
11	7	14	12	26	45	197	159	278	220	132	87
9	9	6	8	27	24	191	175	266	229	128	138
7	9	13	8	28	27	182	187	227	204	124	112
13	12	18	14	33	41	171	178	244	222	106	95
18	8	11	13	36	49	313	241	408	305	183	178
10	9	10	6	33	57	366	269	450	391	219	203
19	11	14	20	49	38	388	318	468	371	215	205
18	12	23	16	39	61	349	310	460	352	189	162
11	7	13	17	44	40	373	280	463	397	236	190
12	5	18	15	46	47	305	275	438	337	204	177
4	11	8	5	30	35	290	248	493	401	257	237
9	9	8	12	35	39	308	270	513	406	300	286
7	6	9	12	38	49	268	239	454	412	278	287

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1898	1,304	1,122	1	2	3	1	5	1
1899	1,496	1,243	5	3	2	1	9	3
1900	1,521	1,403	6	6	8	3	15	7
1901	1,601	1,350	22	10	6	6	19	15
1902	1,542	1,272	14	7	4	2	16	10
1903	1,522	1,296	1	3	2	2	8	2
1904	1,665	1,481	4	6	1	1	3	4
1905	1,690	1,485	2	5	..	1	2	..
1906	1,811	1,421	1	1	..	..	4	..
1907	1,626	1,305	1	2	4	1	3	3

er New York City by Age and Sex.

Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1	2	..	..	24	12	139	50	48	18	9	7
..	..	1	..	1	..	1	1	1	..	..	..
..	7	1	..	23	4	99	18	34	6	2	2
1	..	1	1	2	..	16	1	4	..	..	..
11	5	2	..	15	6	99	29	50	11	4	6
1	2	1	..	1	..	9	1	4	1	1	..
17	9	6	3	16	11	118	49	59	18	4	10
6	6	1	..	5	1	10	1	3	1	..	..
1	..	..	..	1	1	8	2	5	..	..	1
1	3	1	1	..	1	4	2	3	..	2	1
17	4	1	4	5	6	99	16	28	13	5	8
2	3	2	..	1	1	4	..	5	..	2	1
7	5	2	..	2	..	18	3	8	2	3	2
3	2	4	..	..	..	20	2	6	2	1	1
15	12	2	2	8	5	38	5	12	11	3	3
14	9	3	2	12	..	52	4	24	6	3	5
8	13	1	..	7	3	44	4	16	4	2	1
8	9	1	1	5	5	31	3	11	3	4	2
11	7	2	..	8	2	36	9	17	5	1	9
13	6	2	2	4	2	60	11	26	11	3	6
2	3	1	1	4	1	14	1	9	4	1	1
16	14	2	..	14	4	105	10	33	11	3	4
13	12	1	3	5	1	31	4	11	5	5	5
7	7	2	..	2	..	7	..	4	1	2	..
2	8	..	..	5	..	27	2	8	5	5	..
14	7	3	..	7	2	34	2	15	3	5	3
15	11	2	1	11	8	106	32	85	35	7	7
4	5	2	..	3	1	14	3	8	2	1	..
6	8	1	4	9	3	59	4	12	6	2	1
15	14	..	..	4	1	16	6	16	7	2	4
22	18	4	..	20	9	301	58	174	87	28	44
11	3	2	..	2	2	11	2	4	2	..	..

Deaths from Bright's Disease and Nephritis, Former New York City, by Months.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
1871	77	86	101	100	102	89	82	82	82	79	77	73	1,030
1872	72	75	99	113	100	76	81	78	89	73	75	98	1,029
1873	83	72	99	86	91	74	88	87	71	68	90	76	985
1874	85	60	111	70	88	58	65	86	77	83	100	92	975
1875	109	97	90	94	86	81	92	85	82	85	93	113	1,107
1876	86	111	130	106	92	83	106	86	72	83	84	93	1,132
1877	93	65	112	106	104	81	90	85	97	105	107	94	1,139
1878	86	88	108	106	104	96	94	99	76	90	97	117	1,161
1879	144	113	119	111	120	101	125	85	92	102	120	116	1,348
1880	107	106	87	127	123	127	114	117	106	128	113	163	1,418
1881	144	134	135	165	143	136	157	121	119	161	142	144	1,701
1882	161	173	161	165	168	146	139	146	146	163	142	146	1,856
1883	157	159	156	143	175	146	157	150	154	155	153	149	1,854
1884	148	168	164	170	164	160	177	141	160	165	160	151	1,928
1885	196	173	183	192	196	170	176	150	164	164	165	166	2,095
1886	179	156	212	191	192	142	173	208	186	185	178	212	2,214
1887	196	177	207	231	202	216	221	184	176	188	175	202	2,375
1888	189	208	238	197	233	179	188	186	138	185	186	215	2,342
1889	225	250	216	229	179	171	215	198	151	189	182	232	2,437
1890	241	163	219	200	218	207	217	172	162	205	193	213	2,410
1891	220	204	235	270	216	198	202	194	164	196	176	226	2,501
1892	211	205	209	231	218	157	211	186	180	189	191	207	2,395
1893	208	180	286	248	250	194	212	191	186	203	186	227	2,571
1894	244	202	221	214	207	192	191	211	156	200	234	207	2,479
1895	256	231	258	244	232	222	230	178	186	228	223	209	2,697
1896	269	260	265	231	223	204	225	238	169	189	200	212	2,685
1897	235	186	256	250	234	207	172	188	169	189	203	210	2,499
1898	276	266	278	282	260	237	210	220	207	211	242	272	2,961
1899	268	248	267	276	264	257	267	274	221	297	275	280	3,194
1900	326	312	341	293	288	249	264	214	240	274	305	288	3,394
1901	341	273	304	310	233	230	243	179	247	292	313	326	3,291
1902	303	285	295	293	263	254	219	250	224	283	226	303	3,198
1903	344	282	297	276	293	239	232	214	205	244	280	294	3,200
1904	347	337	322	325	304	246	291	270	261	267	328	312	3,610
1905	334	305	369	310	282	284	280	258	249	308	320	295	3,594
1906	311	333	344	313	320	258	258	292	281	272	266	370	3,618
1907	338	323	329	273	288	241	259	226	196	247	239	290	3,249

This table includes all acute and chronic forms of nephritis.

Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
37	42	1	1	5	3	141	22	68	32	18	18
20	14	2	3	4	..	16	7	6	10	7	6
17	31	3	..	9	3	66	3	32	21	13	7
90	63	2	11	10	9	176	66	163	135	65	108
1	4	..	1	1	..	10	..	1	..	2	5
9	16	1	2	2	..	7	4	16	7	6	6
4	3	1	..	1	..	7	1	..	4	..	1
27	16	3	1	5	3	29	8	25	9	11	14
11	8	..	1	1	2	18	5	12	6	..	11
7	2	1	..	1	2	5	2	2	4	6	3

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1898	1,304	1,122	1	2	3	1	5	1
1899	1,496	1,243	5	3	2	1	9	3
1900	1,521	1,403	6	6	8	3	15	7
1901	1,601	1,350	22	10	6	6	19	15
1902	1,542	1,272	14	7	4	2	16	10
1903	1,522	1,296	1	3	2	2	8	2
1904	1,665	1,481	4	6	1	1	3	4
1905	1,690	1,485	2	5	..	1	2	..
1906	1,811	1,421	1	1	..	..	4	..
1907	1,626	1,305	1	2	4	1	3	3

Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
9	4	4	15	47	44	323	289	579	464	342	306
16	7	14	22	44	49	393	334	654	538	375	293
29	16	9	21	44	45	416	388	678	581	345	352
47	31	26	20	43	47	464	362	653	508	368	382
34	19	15	17	45	51	446	316	666	554	336	315
11	7	15	18	40	40	386	332	651	547	419	352
8	11	5	15	47	50	413	368	749	609	443	428
4	6	10	10	40	38	381	340	744	615	511	476
5	1	7	11	39	46	466	372	802	547	492	444
8	6	10	10	37	33	402	327	737	514	432	415

Deaths from Sunstroke in Form

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1866	221	89	..	1	1	..	..	1
1867	4	1	..	..	..	..	..	..
1868	159	37	..	4	..	1	..	2
1869	24	2	..	..	1	..	..	..
1870	181	57	9	4	1	1	1	..
1871	17	4	..	1	..	1	1	..
1872	220	100	10	6	4	1	3	2
1873	25	9	2	3	1	2	3	1
1874	15	4	1	..	..	..	..	..
1875	11	8	1	1	..	..	..	2
1876	155	51	11	2	3	1	3	1
1877	16	5	1	1	..	1	1	1
1878	40	12	7	2	..	1	..	2
1879	34	7	2	2	1	..	..	..
1880	78	38	11	10	2	2	2	.
1881	108	26	8	6	2	1	4	2
1882	78	25	5	8	1	3	2	2
1883	60	23	3	9	..	..	5	..
1884	75	32	5	5	4	1	2	1
1885	108	38	10	5	1	1	2	..
1886	31	11	1	2	..	1	1	..
1887	173	43	11	10	3	2	2	2
1888	66	30	9	10	2	1	2	1
1889	24	8	5	5	1	1	1	1
1890	47	15	1	4	1	2	..	2
1891	78	17	13	6	1	1	..	..
1892	226	94	9	9	3	1	3	1
1893	32	11	3	2	1	3	..	..
1894	89	26	4	4	..	1	2	3
1895	53	32	9	9	2	2	4	3
1896	549	216	17	13	4	4	1	1
1897	30	9	7	1	3	2	1	..

er New York City by Age and Sex.

Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1	2	..	..	24	12	139	50	48	18	9	7
..	..	1	..	1	..	1	1	1	..	..	..
..	7	1	..	23	4	99	18	34	6	2	2
1	..	1	1	2	..	16	1	4	..	..	..
11	5	2	..	15	6	99	29	50	11	4	6
1	2	1	..	1	..	9	1	4	1	1	..
17	9	6	3	16	11	118	49	59	18	4	10
6	6	1	..	5	1	10	1	3	1	..	..
1	..	..	..	1	1	8	2	5	..	..	1
1	3	1	1	..	1	4	2	3	..	2	1
17	4	1	4	5	6	99	16	28	13	5	8
2	3	2	..	1	1	4	..	5	..	2	1
7	5	2	..	2	..	18	3	8	2	3	2
3	2	4	..	..	..	20	2	6	2	1	1
15	12	2	2	8	5	38	5	12	11	3	3
14	9	3	2	12	..	52	4	24	6	3	5
8	13	1	..	7	3	44	4	16	4	2	1
8	9	1	1	5	5	31	3	11	3	4	2
11	7	2	..	8	2	36	9	17	5	1	9
13	6	2	2	4	2	60	11	26	11	3	6
2	3	1	1	4	1	14	1	9	4	1	1
16	14	2	..	14	4	105	10	33	11	3	4
13	12	1	3	5	1	31	4	11	5	5	5
7	7	2	..	2	..	7	..	4	1	2	..
2	8	..	..	5	..	27	2	8	5	5	..
14	7	3	..	7	2	34	2	15	3	5	3
15	11	2	1	11	8	106	32	85	35	7	7
4	5	2	..	3	1	14	3	8	2	1	..
6	8	1	4	9	3	59	4	12	6	2	1
15	14	..	..	4	1	16	6	16	7	2	4
22	18	4	..	20	9	301	58	174	87	28	44
11	3	2	..	2	2	11	2	4	2	..	..

Year.	Total.		Under 1 Year.		1 Year and Under 2 Years.		2 Years and Under 5 Years.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1898	270	118	31	32	5	7	1	3
1899	55	40	16	9	2	3	2	2
1900	140	65	14	22	2	4	1	5
1901	506	392	67	38	16	20	7	5
1902	15	10	1	3	..	..	..	1
1903	41	35	6	11	2	2	1	3
1904	13	9	3	3	..	..	1	..
1905	100	51	18	13	3	1	6	2
1906	42	33	8	7	2	1	1	..
1907	22	13	4	2	3	..	..	..

Deaths from Sunstroke, Former New York City, by Months.

Year.	April.	May.	June.	July.	August.	September.	October.	Total.
1871	1	4	5	7	4	..		21
1872	..	2	13	236	63	6	..	320
1873	..	2	6	24	2	..	..	34
1874	..	..	4	12	3	..	..	15
1875	..	..	9	7	..	3	.	19
1876	..	1	6	187	11	1		206
1877	..	3	..	8	10	..	..	21
1878	..	..	5	43	2	2	..	52
1879	..	..	7	18	16	..	..	41
1880	..	23	35	39	10	9	..	116
1881	..	9	1	18	49	55	2	134
1882	..	..	12	79	11	1	..	103
1883	..	1	12	65	5	..	..	83
1884	..	1	9	5	17	75	..	107
1885	..	..	6	127	13	..	..	146
1886	..	..	4	23	15	..	..	42
1887	..	1	4	152	59	..	..	216
1888	..	..	65	11	19	1	..	96
1889	..	..	7	14	10	1	..	32
1890	..	..	7	29	25	1	..	62
1891	..	..	35	5	51	4	..	95
1892	..	..	29	252	39	..	..	320
1893	..	..	12	20	10	1	..	43
1894	..	..	27	78	7	3	..	115
1895	..	5	45	4	18	13	..	85
1896	1	4	5	30	725	..	..	765
1897	..	..	3	28	2	6	..	39
1898		..	14	75	46	253	..	388
1899		..	80	10	5	..	..	95
1900	..	..	10	106	79	10		205
1901	..	1	47	826	24	..	..	898
1902	..	3	4	14	4	..	..	25
1903	..	10	..	62	3	1	..	76
1904	..	1	7	13	1	..	..	22
1905	..	..	4	126	4	..	.	133
1906	..	1	3	27	41	3	..	75
1907	..	..	9	22	7	1	..	39

er New York City by Age and Sex.

Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1	2	..	..	24	12	139	50	48	18	9	7
..	..	1	..	1	..	1	1	1	..	..	..
..	7	1	..	23	4	99	18	34	6	2	2
1	..	1	1	2	..	16	1	4	..	..	..
11	5	2	..	15	6	99	29	50	11	4	6
1	2	1	..	1	..	9	1	4	1	1	..
17	9	6	3	16	11	118	49	59	18	4	10
6	6	1	..	5	1	10	1	3	1	..	..
1	..	..	..	1	1	8	2	5	..	..	1
1	3	1	1	..	1	4	2	3	..	2	1
17	4	1	4	5	6	99	16	28	13	5	8
2	3	2	..	1	1	4	..	5	..	2	1
7	5	2	..	2	..	18	3	8	2	3	2
3	2	4	..	..	..	20	2	6	2	1	1
15	12	2	2	8	5	38	5	12	11	3	3
14	9	3	2	12	..	52	4	24	6	3	5
8	13	1	..	7	3	44	4	16	4	2	1
8	9	1	1	5	5	31	3	11	3	4	2
11	7	2	..	8	2	36	9	17	5	1	9
13	6	2	2	4	2	60	11	26	11	3	6
2	3	1	1	4	1	14	1	9	4	1	1
16	14	2	..	14	4	105	10	33	11	3	4
13	12	1	3	5	1	31	4	11	5	5	5
7	7	2	..	2	..	7	..	4	1	2	..
2	8	..	..	5	..	27	2	8	5	5	..
14	7	3	..	7	2	34	2	15	3	5	3
15	11	2	1	11	8	106	32	85	35	7	7
4	5	2	..	3	1	14	3	8	2	1	..
6	8	1	4	9	3	59	4	12	6	2	1
15	14	..	..	4	1	16	6	16	7	2	4
22	18	4	..	20	9	301	58	174	87	28	44
11	3	2	..	2	2	11	2	4	2	..	..

Year.	Total, both Sexes.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1898	337	126	1	..	40	41	164	55	107	25	25	5
1899	315	118	1	..	30	32	156	56	104	23	24	7
1900	382	118	..	..	32	34	196	60	128	19	26	5
1901	327	143	..	..	38	30	158	73	106	30	25	10
1902	354	123	..	..	39	26	177	60	108	30	30	7
1903	384	137	..	..	30	27	192	78	140	23	22	9
1904	417	150	..	..	42	36	205	77	141	30	29	7
1905	331	91	..	..	38	18	161	49	107	22	25	2
1906	336	106	1	..	36	15	155	52	119	36	25	3
1907	346	96	..	..	44	17	155	49	122	24	25	6

Total Under 5 Years.		5 Years and Under 15 Years.		15 Years and Under 25 Years.		25 Years and Under 45 Years.		45 Years and Under 65 Years.		65 Years and Over.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
37	42	1	1	5	3	141	22	68	32	18	18
20	14	2	3	4	..	16	7	6	10	7	6
17	31	3	..	9	3	66	3	32	21	13	7
90	63	2	11	10	9	176	66	163	135	65	108
1	4	..	1	1	..	10	..	1	..	2	5
9	16	1	2	2	..	7	4	16	7	6	6
4	3	1	..	1	..	7	1	..	4	..	1
27	16	3	1	5	3	29	8	25	9	11	14
11	8	..	1	1	2	18	5	12	6	..	11
7	2	1	..	1	2	5	2	2	4	6	3

Deaths by Chloroform, Ether, Illuminating Gas, Railroad, Elevated Railroads, Horse, Cable and Electric Cars, Street Vehicles and Electric Current, in Former New York City, from 1870 to 1907, inclusive.

Causes of Death—Accidents. Year.	Chloroform.	Ether.	*Illuminating Gas.	Railroads.	Elevated Railroads.	Horse, Cable and Electric Cars.	Street Vehicles.	Electric Current.	Subways.
1870	1	..	1	26	..	45	18	..	..
1871	1	..	7	24	..	52	37	..	..
1872	1	2	1	29	..	54	33	..	..
1873	1	..	1	31	..	46	39	..	..
1874	1	..	1	22	..	33	26	..	..
1875	..	1	..	28	..	31	30	..	..
1876	1	1	.	22	..	26	24	..	..
1877	..	..	..	28	.	20	22	..	..
1878	2	2	2	25	1	34	42	..	..
1879	2	2	.	22	23	24	35	..	..
1880	1	1	9	22	9	26	45	..	..
1881	1	1	12	34	10	28	29	1	..
1882	..	..	16	38	15	29	41	1	..
1883	..	..	11	26	10	24	35	..	..
1884	2	2	18	21	9	30	33	..	..
1885	1	1	13	26	14	23	27	..	..
1886	4	4	27	27	10	25	31	..	..
1887	1	1	22	22	15	21	39	3	..
1888	..	..	32	39	6	14	55	5	..
1889	1	1	30	59	4	24	57	8	..
1890	4	4	36	58	3	12	44	2	..
1891	1	2	35	53	12	47	54	2	..
1892	7	1	52	56	8	49	73	..	..
1893	5	4	38	44	7	44	54	2	..
1894	2	1	31	48	10	43	85	1	..
1895	1	2	47	58	7	47	100	1	..
1896	3	1	42	47	9	56	109	4	..
1897	1	3	48	49	8	55	86	3	..
1898	3	1	60	39	11	64	104	3	..
1899	5	..	65	41	9	91	118	4	..
1900	5	6	103	44	9	99	117	6	..
1901	4	2	114	31	7	116	114	9	..
1902	4	1	154	60	23	111	158	7	..
1903	6	2	176	30	19	97	189	8	..
1904	10	7	215	44	14	98	204	8	..
1905	2	7	218	82	33	104	204	7	21
1906	8	4	139	110	14	140	246	11	16
1907	..	..	236	99	12	160	264	12	15

* Previous to 1880 most of the deaths caused by illuminating gas were supposed to be intentional and were classed with suicides. Since that year the deaths believed to be accidental have been separated from the others.

Deaths from Small-pox, Cholera, Yellow Fever and Hydrophobia, in Former New York City, from 1804 to 1907, inclusive.

Year.	‡Small-pox.	Cholera.	*Yellow Fever.	†Hydrophobia.
1804	169	.....	..	..
1805	62	.....	270	..
1806	48	.....	..	..
1807	29	.....	..	..
1808	62	.....	..	..
1809	66	.....	13	..
1810	4	.....	..	..
1811	117	.....	..	..
1812	21	.....	..	..
1813	2	.....	..	..
1814	2	.....	..	2
1815	94	.....	..	..
1816	179	.....	..	..
1817	14	.....	1	..
1818	19	.....	..	..
1819	..	.....	23	..
1820	..	.....	..	1
1821	..	.....	3	..
1822	..	.....	166	..
1823	18	.....	1	..
1824	394	.....	..	..
1825	40	.....	..	..
1826	58	.....	..	..
1827	149	.....	..	..
1828	93	.....	..	..
1829	16	.....	..	..
1830	176	.....	..	1
1831	224	.....	..	1
1832	89	3,513	..	..
1833	25	.....	..	1
1834	233	971	..	..
1835	351	.....	..	2
1836	173	.....	..	3
1837	170	.....	..	3
1838	91	.....	..	2

* The number of deaths from Yellow Fever in the year 1798, as reported to Mayor Varick, was 714

† In 1874 there was a death reported as due to Hyssophobia in addition to the 5 deaths from Hydrophobia.

‡ Vaccinating Corps organized September 27, 1874, under act of Legislature passed June 15, 1874.

Note—These diseases have been selected from the confessedly imperfect records of the years preceding the organization of the Health Department, as being diseases of such bold characteristics and exciting so great public interest as to make it probable that the record of them is complete.

Year.	‡ Small-pox.	Cholera.	* Yellow Fever.	† Hydrophobia.
1839	69	2	2	2
1840	234	1	.....	....
1841	220	.....	.....	1
1842	181	.....	.....	....
1843	119	.....	.....	....
1844	20	15	.....	1
1845	425	6	.....	....
1846	141	.....	.....	....
1847	53	.....	.....	....
1848	585	2	.....	7
1849	372	5,071	.....	2
1850	241	57	.....	4
1851	586	.....	.....	....
1852	516	374	1	1
1853	681	33	5	1
1854	624	2,509	6	....
1855	107	19	2	4
1856	396	8	13	3
1857	434	11	.....	2
1858	511	5	5	....
1859	62	9	4	2
1860	289	18	2	....
1861	616	12	.....	5
1862	269	9	.....	1
1863	78	9	.....	3
1864	394	12	2	1
1865	674	10	.....	3
1866	44	1,137	.....	2
1867	19	82	3	4
1868	26	9	1	1
1869	203	6	1	5
1870	293	1	3	3
1871	805	6	2	7
1872	929	4	.....	6
1873	117	1	3	....
1874	484	2	.....	5
1875	1,280	.....	.....	....

* The number of deaths from Yellow Fever in the year 1798, as reported to Mayor Varick, was 714.

† In 1874 there was a death reported as due to Hyssophobia in addition to the 5 deaths from Hydrophobia.

‡ Vaccinating Corps organized September 27, 1874, under act of Legislature passed June 15, 1874.

Note.—These diseases have been selected from the confessedly imperfect records of the years preceding the organization of the Health Department, as being diseases of such bold characteristics and exciting so great public interest as to make it probable that the record of them is complete.

Deaths from Suicide, Former New York City, by Months.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
1871	4	6	11	10	6	14	12	9	12	12	8	10	114
1872	14	10	14	11	18	8	21	11	14	14	6	3	144
1873	10	11	8	14	13	6	4	11	14	11	6	10	118
1874	7	8	14	11	25	19	18	16	19	10	17	16	180
1875	19	4	8	12	20	24	19	12	12	9	8	8	155
1876	12	7	13	12	16	18	16	18	8	9	12	9	150
1877	11	6	6	15	18	11	19	11	9	12	16	15	148
1878	14	6	13	12	5	12	14	17	10	11	13	15	142
1879	8	12	9	12	16	12	8	8	7	9	10	6	117
1880	9	8	9	18	20	18	18	9	10	8	17	8	152
1881	8	5	13	13	27	6	16	17	15	16	13	17	166
1882	14	18	20	26	18	19	17	14	15	14	14	10	199
1883	14	8	10	11	15	7	20	20	13	18	11	14	161
1884	9	23	22	23	20	24	22	14	23	13	17	19	229
1885	11	11	16	24	27	22	18	13	19	14	14	18	207
1886	22	18	20	21	21	19	23	14	16	12	17	20	223
1887	10	16	22	18	24	15	29	23	19	20	21	18	235
1888	18	16	21	25	28	22	19	14	15	24	24	21	247
1889	22	18	17	33	22	21	22	13	16	19	20	21	244
1890	28	22	21	21	15	21	18	17	23	14	26	13	239
1891	15	26	20	34	33	37	21	18	22	27	18	29	300
1892	14	17	14	21	27	23	24	30	20	15	17	19	241
1893	24	20	20	17	27	28	26	22	42	33	27	28	314
1894	25	22	34	33	33	27	25	30	26	40	18	18	331
1895	29	29	32	29	35	43	30	34	20	34	32	29	376
1896	42	32	22	26	28	29	41	54	33	25	38	34	384
1897	38	24	25	39	47	39	42	42	36	38	29	37	436
1898	39	23	33	47	42	45	35	39	27	39	40	44	463
1899	43	33	43	41	37	32	26	44	40	44	22	28	433
1900	44	35	44	42	47	39	45	41	43	37	35	47	500
1901	47	34	42	35	35	46	41	41	42	31	36	40	470
1902	32	23	39	43	56	39	39	36	55	41	49	25	477
1903	34	36	36	45	51	55	46	40	54	40	49	35	521
1904	40	43	63	59	57	71	43	47	39	35	35	35	567
1905	36	28	43	44	44	37	25	24	32	30	41	38	422
1906	49	39	44	43	41	25	34	37	28	36	31	35	442
1907	28	35	38	37	40	32	41	35	39	32	40	45	442

Marriages Reported by Months, Former New York City, Since 1866.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
1866....	256	228	229	274	461	523	601	554	604	767	683	612	2,792
1867.....	557	493	517	636	766	727	580	530	645	674	578	441	7,144
1868.....	569	547	469	615	744	635	524	584	584	623	658	374	6,926
1869.....	687	621	565	883	832	709	656	608	998	620	822	694	8,695
1870.....	717	580	734	500	702	804	590	538	628	662	1,049	481	7,985
1871.....	636	640	523	654	830	749	583	651	901	894	808	777	8,646
1872.....	723	713	515	864	833	767	699	639	779	885	863	728	9,008
1873.....	778	687	645	776	852	853	649	606	781	825	733	686	8,871
1874.....	639	622	611	765	806	781	655	538	723	830	737	690	8,397
1875.....	583	579	489	724	736	677	649	518	620	710	732	548	7,565
1876...	610	654	541	566	623	652	471	521	580	735	594	552	7,099
1877.....	555	526	526	585	693	619	510	504	596	706	692	617	7,129
1878.....	600	507	637	635	665	684	555	472	670	750	748	706	7,629
1879.....	673	589	530	664	754	752	615	515	717	976	888	773	8,446
1880.....	766	729	645	746	732	800	618	589	768	882	857	870	9,002
1881.....	700	670	858	750	918	950	735	709	827	1,027	1,073	860	10,077
1882.....	925	946	820	784	1,000	980	732	838	927	1,064	1,000	1,069	11,085
1883.....	964	783	863	1,001	1,124	1,068	850	809	910	1,162	986	1,036	11,556
1884.....	1,020	885	766	950	1,114	1,018	966	731	976	1,253	1,136	990	11,805
1885.....	1,000	915	901	957	992	1,052	816	748	973	1,170	1,106	1,081	11,716
1886.....	904	865	1,061	909	973	1,058	960	768	1,167	1,164	1,321	1,066	12,216
1887.....	1,043	978	1,088	1,090	1,133	1,242	1,007	1,000	1,170	1,335	1,454	1,220	13,740
1888..... ..	1,246	1,020	1,019	1,134	1,262	1,391	1,047	1,150	1,164	1,492	1,278	1,330	14,533
1889.....	1,202	1,090	1,133	1,056	1,300	1,332	1,042	1,019	1,240	1,326	1,436	1,224	14,400
1890.....	1,304	1,154	1,128	1,298	1,157	1,402	1,028	1,009	1,253	1,493	1,313	1,453	14,992
1891.....	1,258	1,267	1,131	1,470	1,221	1,393	1,321	995	1,317	1,408	1,413	1,570	15,754
1892.....	1,196	1,332	1,334	1,205	1,272	1,552	1,154	1,155	1,298	1,315	1,519	1,579	16,001
1893.....	1,251	1,271	1,436	1,228	1,365	1,645	1,031	1,327	1,250	1,516	1,284	1,540	16,144
1894.....	1,187	1,155	1,234	1,312	1,268	1,655	1,486	1,223	1,753	1,650	1,767	1,698	17,388
1895.....	1,621	1,636	1,476	1,614	1,587	2,134	1,439	1,462	1,725	2,073	2,036	1,809	20,612
1896.....	1,943	1,773	1,429	1,722	1,464	2,147	1,455	1,378	1,448	1,989	1,909	1,856	20,513
1897.....	1,696	1,636	1,541	1,640	1,600	2,121	1,494	1,316	1,647	1,688	2,119	1,867	20,365
1898.....	1,763	1,889	1,550	1,778	1,527	2,049	1,474	1,411	1,532	1,891	1,994	1,911	20,769
1899.....	1,900	1,719	1,406	1,714	1,760	2,204	1,428	1,513	1,598	2,283	1,994	2,221	21,740

Deaths from Small-pox, Cholera, Yellow Fever and Hydrophobia, in Former New York City, from 1804 to 1907, inclusive.

Year.	‡Small-pox.	Cholera.	*Yellow Fever.	†Hydrophobia.
1804	169	.....	..	..
1805	62	.....	270	..
1806	48	.....	..	..
1807	29	.....	..	..
1808	62	.....	..	..
1809	66	.....	13	..
1810	4	.....	..	..
1811	117	.....	..	..
1812	21	.....	..	..
1813	2	.....	..	..
1814	2	.....	..	2
1815	94	.....	..	..
1816	179	.....	..	..
1817	14	.....	1	..
1818	19	.....	..	..
1819	..	.....	23	..
1820	..	.....	..	1
1821	..	.....	3	..
1822	..	.....	166	..
1823	18	.....	1	..
1824	394	.....	..	..
1825	40	.....	..	..
1826	58	.....	..	..
1827	149	.....	..	..
1828	93	.....	..	..
1829	16	.....	..	..
1830	176	.....	..	1
1831	224	.....	..	1
1832	89	3,513	..	..
1833	25	.....	..	1
1834	233	971	..	..
1835	351	.....	..	2
1836	173	.....	..	3
1837	170	.....	..	3
1838	91	.....	..	2

* The number of deaths from Yellow Fever in the year 1798, as reported to Mayor Varick, was 714

† In 1874 there was a death reported as due to Hyssophobia in addition to the 5 deaths from Hydrophobia.

‡ Vaccinating Corps organized September 27, 1874, under act of Legislature passed June 15, 1874.

Note—These diseases have been selected from the confessedly imperfect records of the years preceding the organization of the Health Department, as being diseases of such bold characteristics and exciting so great public interest as to make it probable that the record of them is complete.

Births by Sex and Race since 1847, the First Year of Registration, Former New York City (Records Incomplete).

Year.	Total.	Male.	Female.	Unknown.	White.	Colored.	Chinese.
1847	314	169	145	..	313	1	..
1848	174	96	78	..	173	1	..
1849	....	....	....	..	....	....	..
1850	....	....	....	..	....	....	..
1851	5	3	2	..	5	....	..
1852	....	....	....	..	....	....	..
1853	9,287	4,899	4,379	9	9,174	112	1
1854	17,076	8,816	8,246	14	16,858	218	..
1855	13,371	6,961	6,399	11	13,210	161	..
1856	15,603	8,182	7,400	21	15,417	186	..
1857	17,680	9,063	8,602	15	17,558	122	..
1858	12,132	6,380	5,739	13	12,069	63	..
1859	8,128	4,219	3,881	28	8,080	48	..
1860	5,998	3,154	2,833	11	5,961	37	..
1861	9,869	5,072	4,748	49	9,798	71	..
1862	7,633	3,927	3,693	13	7,607	26	..
1863	6,373	3,287	3,071	15	6,335	38	..
1864	5,689	2,968	2,708	13	5,661	28	..
1865	5,332	....	....	..	....	....	..
1866	10,117	5,202	4,905	10	10,025	87	5
1867	12,569	6,397	6,164	8	12,405	164	..
1868	12,672	6,531	6,136	5	12,564	108	..
1869	13,947	7,096	6,835	16	13,755	192	..
1870	14,524	7,560	6,910	54	14,353	169	2
1871	20,821	10,749	10,032	40	20,595	226	..
1872	22,068	11 282	10,763	23	21,769	299	..
1873	22,683	11,707	10,917	59	22,465	218	..
1874	25,747	13,276	12,387	84	25,514	233	..
1875	23,813	12,054	11,669	90	23,559	253	1
1876	23,744	12,114	11,550	80	23,403	341	..
1877	25,569	13,074	12,495	..	25,266	303	..
1878	25,729	13,154	12,575	..	25,381	348	..
1879	25,573	13,269	12,303	1	25,236	337	..
1880	27,536	14,356	13,179	1	27,174	362	..
1881	26,130	13,359	12,771	..	25,761	369	..
1882	27,321	14,065	13,253	3	26,992	329	..

Year.	‡ Small-pox.	Cholera.	* Yellow Fever.	† Hydrophobia.
1876	315	.....	1	5
1877	14	2	1	4
1878	2	.....	....	2
1879	25	.....	2	....
1880	31	.....	1	....
1881	451	.....	....	3
1882	259	.....	....	2
1883	12	.....	....	1
1884	....	.....	3	1
1885	26	.....	1	....
1886	31	.....	1	....
1887	99	.....	....	1
1888	81	.....	3	....
1889	1	.....	....	1
1890	2	.....	....	1
1891	2	.....	....	....
1892	81	9	1	....
1893	102	.....	....	2
1894	154	.....	....	3
1895	10	.....	....	3
1896	1	.....	....	....
1897	24	.....	....	1
1898	1	.....	1	3
1899	18	.....	....	1
1900	12	.....	....	4
1901	399	.....	....	5
1902	218	.....	....	4
1903	3	.....	....	3
1904	1	.....	....	....
1905	1	.....	....	2
1906	....	.....	....	8
1907	1	.....	....	14

* The number of deaths from Yellow Fever in the year 1798, as reported to Mayor Varick, was 714.

† In 1874 there was a death reported as due to Hyssophobia in addition to the 5 deaths from Hydrophobia.

‡ Vaccinating Corps organized September 27, 1874, under act of Legislature passed June 15, 1874.

Note.—These diseases have been selected from the confessedly imperfect records of the years preceding the organization of the Health Department, as being diseases of such bold characteristics and exciting so great public interest as to make it probable that the record of them is complete.

Former City of New York.

(BOROUGHS OF MANHATTAN AND THE BRONX.)

Cases of Contagious and Infectious Diseases Reported from 1874 to 1907, inclusive.

Year.	Croup.	Diphtheria.	Measles.	Scarlet Fever.	Small-pox.	Typhoid Fever.	Typhus Fever.	Tuberculosis.
1874	....	3,684	1,407	3,051	1,462	488	48	....
1875	....	4,521	703	1,730	3,397	634	56	....
1876	....	3,471	1,638	2,406	883	561	15	....
1877	....	2,328	1,719	3,475	48	607	15	....
1878	....	3,484	2,172	3,916	5	594	10	....
1879	....	1,783	2,333	5,446	65	432	8	....
1880	....	3,307	3,891	3,048	64	508	2	....
1881	....	5,196	3,076	7,164	1,338	901	603	....
1882	....	3,507	4,637	5,961	702	686	207	....
1883	....	2,096	3,828	3,825	26	1,393	71	....
1884	....	2,223	4,395	3,262	5	1,102	133	....
1885	....	2,920	4,095	2,634	98	974	84	....
1886	....	3,737	5,028	1,696	109	896	66	....
1887	....	5,923	6,062	3,147	343	1,004	2	....
1888	....	6,491	7,279	7,188	311	1,108	4	....
1889	....	6,489	6,443	8,849	2	1,414	....	....
1890	....	4,350	9,544	3,087	5	1,100	4	....
1891	490	4,874	11,980	7,442	21	1,342	9	....
1892	530	4,654	12,780	7,048	378	1,140	241	....
1893	553	6,468	7,122	5,764	464	1,008	473	....
1894	486	9,155	9,493	4,768	770	792	....	....
1895	428	9,925	8,203	3,808	41	965	....	....
1896	306	11,093	11,850	4,728	5	1,002	3	....
1897	400	10,496	9,118	7,699	73	1,004	....	....
1898	380	7,213	11,157	6,680	12	1,535	1	....
1899	290	7,920	8,985	4,586	63	1,290	....	....
1900	....	*8,364	12,906	4,381	143	1,759	....	....
1901	....	7,726	7,962	10,895	1,461	1,945	....	....
1902	....	10,413	13,560	7,724	917	2,629	....	9,722
1903	....	11,616	7,838	7,443	26	2,462	....	11,203
1904	....	12,183	20,489	8,721	43	2,136	....	13,522
1905	....	8,545	10,761	4,728	12	2,194	....	15,036
1906	....	8,695	21,270	4,634	48	2,014	....	13,891
1907	...	8,763	11,440	9,389	11	2,771	....	13,739

* Including Croup since 1900.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
1900	1,994	1,880	1,645	1,754	1,712	2,244	1,840	1,612	1,833	2,114	2,071	2,228	22,972
1901	2,191	1,876	1,794	1,889	1,783	2,424	1,635	1,743	1,811	2,349	2,311	2,156	23,962
1902	2,487	2,102	1,609	2,367	1,780	2,555	2,190	1,695	2,258	2,117	2,403	2,430	25,993
1903	2,496	2,199	1,928	2,335	1,720	2,976	2,001	1,947	2,306	2,279	2,530	2,548	27,265
1904	2,479	2,407	1,916	2,156	1,940	2,975	2,183	2,042	2,162	2,631	2,523	2,551	27,965
1905	2,686	2,197	2,493	1,930	2,323	3,255	2,380	2,188	2,745	2,540	2,523	2,968	30,228
1906	3,082	2,700	2,581	2,420	2,379	3,913	2,309	2,396	2,745	3,151	3,083	3,110	34,369
1907	3,201	3,006	2,402	3,027	2,494	3,978	2,597	2,792	2,791	3,185	3,234	3,388	36,097

City and Borough of Brooklyn.

Population by Census from 1790 to 1905, Inclusive.

Years.	Population.	Authority.	Date.
1790	1,603	United States Census	Aug. 1
1800	2,378	United States Census	" 1
1810	4,402	United States Census	" 1
1814	3,805	New York State Census	June 1
1820	7,175	United States Census	Aug. 1
1825	10,791	New York State Census	July 1
1830	15,394	United States Census	June 1
1835	24,529	New York State Census	July 1
1840	36,233	United States Census	June 1
1845	59,574	New York State Census	July 1
1850	96,838	United States Census	June 1
1855	205,250	New York State Census	" 1
1860	266,661	United States Census	" 1
1865	296,378	New York State Census	" 1
1870	396,099	United States Census	" 1
1875	482,493	New York State Census	" 1
1880	566,663	United States Census	" 1
1890	806,343	United States Census	" 1
1892	957,958	New York State Census	Feb. 1
1900	1,166,582	United States Census	June 1
1905	1,358,890	New York State Census	" 1

Note.—The population given in this table is that of the City of Brooklyn, which was not made conterminous with Kings County until 1896.

Year.	Total.	Male.	Female.	Unknown.	White.	Colored.	Chinese
1883	28,972	14,894	14,078	..	28,617	355	..
1884	30,527	15,495	15,029	3	30,109	418	..
1885	30,030	15,524	14,503	3	29,678	352	..
1886	31,319	16,191	15,127	1	30,935	384	..
1887	34,023	17,515	16,507	1	33,661	362	..
1888	36,136	18,538	17,598	..	35,744	392	..
1889	37,527	19,269	18,258	..	37,097	430	..
1890	39,250	20,298	18,952	..	38,818	432	..
1891	46,904	23,993	22,911	..	46,331	573	..
1892	49,447	25,291	24,156	..	48,890	557	..
1893	51,529	26,451	25,078	..	50,930	599	..
1894	55,636	28,369	27,267	..	54,931	705	..
1895	53,731	27,580	26,151	..	53,027	704	..
1896	55,623	28,244	27,379	..	54,872	751	..
1897	54,089	27,538	26,551	..	53,285	804	..
1898	53,359	27,271	26,088	..	52,575	784	..
1899	52,068	26,824	25,245	..	51,273	795	..
1900	54,616	28,157	26,459	..	53,667	949	..
1901	54,013	27,492	26,521	..	53,047	966	..
1902	57,511	29,314	28,197	..	56,492	1,019	..
1903	62,131	31,613	30,518	..	60,976	1,155	..
1904	65,229	32,926	32,303	..	64,026	1,203	..
1905	66,862	34,176	32,686	..	65,592	1,270	4
1906	70,311	36,043	34,268	..	69,011	1,300	14
1907	74,260	38,049	36,211	..	72,851	1,390	18

Ward.	Date of Formation.	From what Taken.	1800.	1810.	1814.	1820.	1825.	1830.	1835.	184
1st.....	1834	Village and Town of Brooklyn.....	2,378	4,402	3,805	7,175	10,791	15,394	1,523	2,1
2d.....	1834								4,674	5,4
3d*.....	1834								2,764	3,8
4th.....	1834								5,724	6,8
5th.....	1834								4,510	7,4
6th.....	1834	Town of Brooklyn							2,139	4,0
7th.....	1834								2,042	4,5
8th*b*.....	1834								487	9
9th*b*.....	1834								666	1,05
10th*b*.....	1850	.....	.....	.....	.....	.....	.....	.....	.....	.....
11th.....	1863	5th Ward.....	.....	.....	.....	.....	.....	.....	.....	.....
12th.....	1863	6th Ward.....	.....	.....	.....	.....	.....	.....	.....	.....
13th.....	1854	Williamsburg.....	.....	.....	.....	.....	.....	.....	.....	5,0
14th.....	1854									
15th.....	1854									
16th.....	1854									
17th.....	1854	Bushwick.....	656	798	759	930	958	1,620	3,325	1,3
18th.....	1854									
19th.....	1856	7th and 13th Wards..	.....	.....	.....	.....	.....	.....	.....	.....
20th.....	1863	5th Ward.....	.....	.....	.....	.....	.....	.....	.....	.....
21st.....	1868	7th Ward.....	.....	.....	.....	.....	.....	.....	.....	.....
22d.....	1868	8th Ward.....	.....	.....	.....	.....	.....	.....	.....	.....
23d.....	1873	7th Ward.....	.....	.....	.....	.....	.....	.....	.....	.....
24th.....	1873	9th Ward.....	.....	.....	.....	.....	.....	.....	.....	.....
25th.....	1873	7th Ward.....	.....	.....	.....	.....	.....	.....	.....	.....
26th.....	1886	New Lots.....	.....	.....	.....	.....	.....	.....	.....	.....
27th.....	1892	18th Ward.....	.....	.....	.....	.....	.....	.....	.....	.....
28th.....	1892									
29th.....	1894	Flatbush.....	946	1,159	1,062	1,027	1,049	1,143	1,537	2,09
30th.....	1894	New Utrecht.....	778	907	970	1,009	982	1,217	1,287	1,83
31st.....	1894	Gravesend.....	489	520	552	534	408	565	695	79
32d.....	1896	Flatlands.....	493	517	507	512	491	596	684	8
Total..	....	.....	5,740	8,303	7,655	11,187	14,679	20,535	32,057	47,6

NOTE.—Flatbush, New Utrecht, Gravesend and Flatlands were formed in 1871; New Lots was form
*Inmates of institutions, Kings County at large, not included in Ward figures.
a. Present Third Ward formed from Tenth in 1878; old Third Ward is now part of First.
b. Present Eighth, Ninth and Tenth Wards formed in 1868; the Ninth took in part of the Twenty

City and Borough of Brooklyn.

Estimated Population on July 1 in Each Year, from 1790 to 1907, Inclusive.

Year.	Population.	Year.	Population.	Year.	Population.	Year.	Population.
1790.....	1,598	1820....	7,114	1850....	97,534	1880.....	568,155
1791.....	1,662	1821....	7,742	1851....	106,279	1881.....	586,365
1792.....	1,729	1822....	8,412	1852....	115,810	1882.....	605,160
1793.....	1,798	1823....	9,140	1853....	126,195	1883.....	624,556
1794.....	1,871	1824....	9,931	1854a...	189,113	1884.....	644,574
1795.....	1,946	1825....	10,791	1855....	206,147	1885.....	665,234
1796.....	2,024	1826....	11,600	1856....	217,227	1886 b...	695,648
1797.....	2,106	1827....	12,469	1857....	228,901	1887.....	732,129
1798.....	2,190	1828....	13,403	1858....	241,204	1888.....	756,727
1799.....	2,279	1829....	14,407	1859....	254,167	1889.....	782,205
1800.....	2,366	1830....	15,512	1860....	267,131	1890.....	808,258
1801.....	2,516	1831....	17,001	1861....	272,836	1891.....	833,133
1802.....	2,676	1832....	18,633	1862....	278,663	1892.....	858,772
1803.....	2,846	1833....	20,421	1863....	284,614	1893.....	885,201
1804.....	3,027	1834....	22,381	1864....	290,692	1894 c...	965,158
1805.....	3,219	1835....	24,529	1865....	297,814	1895.....	995,384
1806.....	3,423	1836....	26,554	1866....	315,600	1896 d...	1,032,811
1807.....	3,641	1837....	28,747	1867....	334,448	1897.....	1,065,432
1808.....	3,872	1838....	31,121	1868....	354,421	1898.....	1,099,084
1809.....	4,118	1839....	33,691	1869....	375,588	1899.....	1,133,798
1810.....	4,379	1840....	36,530	1870....	397,404	1900.....	1,169,610
1811.....	4,251	1841....	40,283	1871....	413,399	1901.....	1,206,551
1812.....	4,093	1842....	44,423	1872....	430,038	1902.....	1,244,660
1813.....	3,940	1843....	48,988	1873....	447,347	1903.....	1,283,973
1814.....	3,838	1844....	54,022	1874....	465,352	1904.....	1,324,527
1815.....	4,254	1845....	59,574	1875....	483,788	1905.....	1,362,352
1816.....	4,714	1846....	65,761	1876....	499,600	1906.....	1,404,509
1817.....	5,225	1847....	72,591	1877....	515,927	1907.....	1,448,096
1818.....	5,791	1848....	80,130	1878...	532,789		
1819.....	6,418	1849....	88,452	1879....	550,202		

a Williamsburgh and Bushwick annexed.
b New Lots annexed.
c Flatbush, Gravesend and New Utrecht annexed.
d Flatlands annexed.

Note.—The population for intercensal years has been calculated by the geometrical method, that for the various annexed towns separately, as described elsewhere.

CITY AND BOROUGH OF BROOKLYN.

Deaths, Births, Marriages and Still-births Reported from 1866 to 1907, inclusive.

Year.	Deaths.	Births.	Marriages.	Still-births.
1866	8,683	* 3,124	* 853	....
1867	8,389	5,224	1,677	....
1868	8,750	4,802	2,130	....
1869	8,759	5,349	2,461	....
1870	9,546	4,817	2,367	....
1871	10,259	4,424	2,447	....
1872	10,648	4,216	2,561	....
1873	10,968	5,027	2,520	1,003
1874	11,011	7,668	2,675	1,033
1875	12,470	8,576	2,734	978
1876	12,334	9,723	2,850	986
1877	11,362	10,507	3,047	819
1878	11,075	10,747	3,091	844
1879	11,569	10,462	3,322	885
1880	13,222	11,975	3,814	880
1881	14,533	10,906	3,948	923
1882	15,014	10,801	4,584	1,076
1883	13,758	11,050	4,150	1,011
1884	14,116	11,718	4,510	1,659
1885	15,369	11,588	4,364	1,184
1886	15,790	12,132	4,910	1,193
1887	17,078	12,750	5,700	1,299
1888	16,061	11,562	4,763	1,277
1889	18,480	17,075	9,606	1,279
1890	19,827	15,000	7,500	1,305
1891	21,349	16,500	7,500	1,733
1892	20,807	18,000	7,800	1,682
1893	21,017	19,250	7,350	1,550
1894	21,183	19,419	5,935	1,673
1895	22,568	20,465	6,779	1,770
1896	22,501	21,424	7,116	1,807
1897	20,674	21,109	7,254	1,919
1898	21,989	21,395	7,129	1,888
1899	21,649	21,203	7,612	1,688

* Marriages and births were first recorded in the last eight months of the year 1866.

Population by Census of Various Towns Annexed to Brooklyn, from 1854 to 1896, with Dates of Annexation.

Town.	Ward.	Date of Annexation.	Population.				
			U. S. Census.		N. Y. State Census.		Estimated at time of Annexation.
Williamsburg.....	13 to 16	1854	1850	34,519	1855	56,476	51,602
Bushwick.....	17 and 18						
New Lots	26	Aug. 1, 1886	1880	13,655	1892	38,541	23,457
Flatbush.....	29	Apr. 25, 1894	1880	7,634	1892	12,625	34,387
Gravesend	31	May 3, 1894	1880	3,674	1892	8,418	
New Utrecht.....	30	July 1, 1894	1880	4,742	1892	9,129	
Flatlands	32	Jan. 1, 1896	1880	3,127	1892	4,234	4,749

The intercensal population of these towns has been calculated by the geometrical method using the census populations given above as the basis.

CITY OF

Annual Number of Deaths from

Year.	Diphtheria.	Croup.	Scarlet Fever.	Measles.	Typhoid Fever.	Small-pox.	Typhus Fever.	Whooping Cough.
1868	133	126	487	30	103	2	20	191
1869	139	176	348	262	96	21	12	193
1870	110	200	220	62	111	135	7	71
1871	157	255	522	67	92	373	8	110
1872	184	327	327	59	149	737	12	96
1873	252	325	314	69	103	116	3	136
1874	580	318	479	90	81	53	7	130
1875	965	440	304	6	102	619	9	161
1876	812	412	352	159	97	309	8	190
1877	778	325	730	10	82	5	3	118
1878	544	317	363	67	59	....	....	195
1879	689	250	344	38	59	2	....	204
1880	1,118	420	222	156	71	2	....	111
1881	1,169	438	651	56	99	142	3	118
1882	631	334	892	168	93	65	1	249
1883	409	318	505	69	92	3	....	132
1884	385	280	218	114	107	2	....	222
1885	519	313	363	175	153	3	2	157
1886	782	403	340	106	123	52	3	260
1887	950	503	271	172	143	109	1	59
1888	984	301	475	59	153	90	....	194
1889	1,101	366	273	205	161	....	....	281
1890	902	381	227	182	182	....	1	238
1891	766	414	485	203	180	....	....	140
1892	775	362	412	168	162	51	....	192
1893	607	271	7	111	179	200	....	261
1894	1,279	381	188	204	159	102	....	243
1895	1,139	315	124	192	173	1	....	263
1896	1,063	247	150	333	163	1	....	179
1897	795	203	187	190	173	3	...	164
1898	595	150	159	194	270	....	....	234

A. The figures on Diarrhœal Diseases since 1877 have been revised so as to agree with the

of Brooklyn by Wards.

1845.	1850.	1855.	1860.	1865	1870.	1875.	1880.	United States Census, 1890.	New York State Census, 1892.	United States Census, 1900.
4,622	6,062	6,441	6,967	6,128	6,476	16,084	18,729	20,040	22,784	20,327
6,903	9,357	8,383	9,817	8,760	9,117	8,860	9,254	8,986	10,529	8,565
5,936	8,749	8,900	10,084	8,890	9,984	15,809	18,271	18,754	24,140	17,949
8,819	11,032	12,282	11,766	11,506	12,087	12,616	12,819	12,324	15,580	12,568
9,419	13,682	16,352	17,400	17,820	20,490	18,591	18,517	20,175	19,175	18,862
10,651	11,536	18,490	22,710	26,407	28,296	34,072	35,437	37,693	48,939	42,485
9,958	6,371	12,523	12,096	15,968	22,312	26,488	31,663	35,726	39,490	40,471
1,369	2,585	5,318	9,190	9,829	9,592	12,127	17,388	31,239	42,758	52,414
1,897	3,261	9,133	17,342	23,443	15,279	13,643	15,044	17,696	21,081	42,876
.....	11,782	21,749	25,258	28,668	34,592	24,866	27,140	34,031	50,318	39,100
.....	12,421	22,213	28,821	18,242	21,243	21,629	21,680	22,693	25,007	22,608
.....	.....	6,990	11,083	13,085	18,302	17,525	22,201	27,368	31,734	30,354
11,338	30,780	14,044	17,958	17,791	18,711	19,547	21,029	21,628	24,282	24,029
		12,414	15,475	15,425	20,649	23,925	25,559	27,246	32,629	31,483
		6,559	10,566	11,449	18,406	21,255	23,654	27,630	30,319	30,269
		15,350	21,181	24,379	26,438	39,206	42,712	45,720	51,152	56,550
1,857	3,739	5,508	7,934	10,234	17,353	23,998	30,088	41,424	46,315	57,309
		2,601	4,316	6,319	11,607	17,459	23,926	74,960	22,267	25,133
.....	.....	.....	6,697	8,055	16,321	21,908	27,661	36,244	38,187	37,645
.....	.....	.....	.....	13,980	19,179	21,430	24,188	24,136	26,120	25,446
.....	.....	.....	.....	.....	27,904	24,834	31,956	50,118	57,362	58,957
.....	.....	.....	.....	.....	11,761	17,736	25,473	50,250	57,807	66,575
.....	.....	.....	.....	.....	.....	10,005	14,396	29,348	33,292	61,813
.....	.....	.....	.....	.....	.....	5,799	8,823	16,771	17,888	31,767
.....	.....	.....	.....	.....	.....	13,081	19,055	44,638	56,682	48,328
.....	.....	2,261	3,271	5,009	9,800	11,047	13,655	29,505	38,541	66,086
.....	.....	.....	.....	.....	.....	.....	.....	.....	34,695	43,961
									38,882	77,912
2,225	3,177	3,280	3,471	2,778	6,309	6,940	7,634	12,338	12,625	27,188
1,863	2,129	2,730	2,781	3,394	3,296	3,843	4,742	8,854	9,129	24,700
898	1,064	1,256	1,286	1,627	2,131	2,180	3,674	6,937	8,418	14,609
936	1,155	1,578	1,652	1,904	2,286	2,651	3,127	4,075	4,234	8,243
78,691	138,882	216,355	279,122	311,090	419,921	509,154	599,495	838,547	*3,717 990,071	1,166,582

*From Flatbush in 1852.

†Second in 1891.

Year.	Diphtheria.	Croup.	Scarlet Fever.	Measles.	Typhoid Fever.	Small-pox.	Typhus Fever.	Whooping Cough.
1899	583	161	175	197	205	....	....	143
1900	673	190	130	310	301	....	....	235
1901	*732	....	495	162	272	9	....	110
1902	762	....	275	239	322	91	....	188
1903	830	....	244	167	267	2	....	118
1904	706	....	282	333	303	6	....	69
1905	594	....	182	193	297	8	....	138
1906	793	....	258	446	230	6	....	132
1907	603	....	321	288	271	8	....	154

A. The figures on Diarrhœal Diseases since 1877 have been revised so as to agree with the
* Including Croup since 191.

Malarial Fever.	Bronchitis.	Phthisis.	Pneumonia.	A Diarrhea.	A Diarrheal, under 5 years.	Cancer.	Bright's Disease and Nephritis.	All Nervous.	Puerperal Diseases.	Violence.	Sunstroke and Heat.	Suicide.
59	761	2,435	2,682	2,457	2,090	701	1,624	1,981	152	902	38	153
58	775	2,445	3,216	2,707	2,361	695	1,717	1,853	260	1,008	103	198
67	670	2,479	2,891	2,916	2,447	760	1,897	2,917	213	1,199	331	189
46	815	2,317	3,001	2,207	1,890	791	1,976	1,668	197	975	9	242
36	653	2,396	2,910	1,854	1,583	778	2,123	1,724	228	1,144	59	234
42	630	2,634	3,670	2,427	2,140	817	2,253	2,054	236	1,136	14	223
29	408	2,420	3,099	2,274	2,078	899	1,984	2,413	275	1,167	71	174
29	524	2,557	3,557	2,266	2,104	975	2,076	1,998	249	1,330	28	204
42	523	2,575	3,704	2,583	2,417	993	1,997	1,882	290	1,365	38	220

Bertilllon classification of causes of death, with the addition of dysentery.

CITY O

Cases of Contagious and Infectious Disease

Year.	Croup.	Diphtheria.	Measles.	Scarlet Fever.	Small-pox.	Typhoid Fever.	Typhus.
1873	....	319	....	930	426	207	10
1874	....	1,651	....	2,448	268	214	9
1875	....	2,669	....	1,269	2,519	263	12
1876	....	2,329	....	1,657	1,131	191	11
1877	....	2,280	....	2,930	87	180	5
1878	....	1,744	....	1,988	3	168	..
1879	....	1,801	219	2,208	6	137	..
1880	....	3,058	2,572	1,727	10	143	..
1881	....	3,218	906	4,554	498	181	9
1882	....	4,599	2,670	4,599	185	148	2
1883	....	1,185	1,604	3,167	12	202	..
1884	....	976	1,225	1,990	14	194	..
1885	....	1,348	3,441	2,288	16	435	..
1886	....	1,602	923	1,645	125	343	..
1887	....	1,995	2,479	1,877	215	444	..
1888	....	2,297	674	2,675	374	394	..
1889	....	2,798	4,723	2,668	2	399	..
1890	....	2,241	1,821	1,657	....	313	..

Reporting of measles was begun in the latter part of 1879; croup in 1895; typhoid fever not fully
* Croup included in diphtheria since 1900.

BROOKLYN.

Prominent Causes, for Forty Years.

Malarial Fever.	Bronchitis.	Phthisis.	Pneumonia.	A Diarrheal.	A Diarrheal, under 5 years.	Cancer.	Bright's Disease and Nephritis.	All Nervous.	Puerperal Diseases.	Violence.	Sunstroke and Heat.	Suicide.
98	182	1,098	449	1,699	1,530	112	106	1,054	34	262	36	27
99	212	1,136	577	1,249	1,130	131	157	1,028	36	229	4	19
143	184	1,281	520	1,473	1,289	134	....	1,528	88	269	..	25
138	231	1,355	613	952	855	155	....	1,596	108	320	..	28
146	239	1,465	778	1,718	1,550	147	216	1,943	141	338	..	31
153	243	1,376	745	1,564	1,411	168	211	1,388	131	312	5	31
124	285	1,267	744	1,400	1,272	197	228	1,231	157	303	6	34
137	369	1,522	892	1,395	1,262	200	....	1,292	157	312	..	39
137	397	1,539	883	1,546	1,367	192	....	1,225	128	622	..	59
154	314	1,587	724	1,569	1,332	200	328	1,123	156	299	6	50
184	365	1,509	829	1,298	1,084	233	332	1,297	149	294	13	52
145	479	1,665	975	1,364	1,127	231	318	1,238	182	316	22	37
256	495	1,736	972	1,738	1,498	221	327	1,387	155	420	36	31
306	471	1,754	1,022	1,864	1,573	254	414	1,512	162	402	48	55
289	684	1,806	1,204	2,082	1,717	285	481	1,498	172	433	36	62
258	573	1,847	1,245	1,799	1,482	262	485	1,427	148	414	29	58
272	622	1,913	1,118	2,081	1,743	323	507	1,357	208	440	41	66
242	675	1,965	1,446	2,113	1,807	301	614	1,483	216	477	57	53
241	764	2,085	1,468	1,651	1,398	293	675	1,549	167	422	8	46
256	790	2,026	1,418	1,969	1,672	349	657	1,897	154	485	32	61
199	786	2,051	1,663	2,249	1,938	345	867	2,198	163	517	34	75
182	392	2,055	1,814	1,860	1,606	356	827	2,298	159	488	14	86
168	1,010	2,169	2,325	2,240	1,968	414	892	2,438	166	570	23	94
120	1,015	2,117	2,537	2,413	2,133	416	993	2,430	201	492	18	73
195	987	2,128	2,357	2,569	2,277	418	1,039	2,619	240	582	94	79
140	960	2,174	2,569	2,514	2,234	441	1,060	2,649	173	601	14	120
127	832	2,260	2,181	2,595	2,235	457	1,199	2,292	168	757	52	165
138	832	2,299	2,624	2,721	2,382	572	1,387	2,322	188	864	43	161
148	871	2,245	2,553	2,486	2,130	534	1,448	2,215	237	1,247	333	160
107	802	2,164	2,232	2,124	1,853	561	1,443	2,132	194	992	22	197
90	699	2,394	2,384	2,821	2,489	632	1,503	2,137	164	990	141	189

Bertillon classification of causes of death, with the addition of dysentery.

Population of Borou

Ward.	Date of Formation.	Formerly Known as	1800.	1810.	1814.	1820.	1825.	1830.	1835.	1
1st	1898	*Long Island City ...	.....	.....	.....	In this year the aggregate of the county alone was taken.	.....	.....	.....	..
2d.....	1898	Newtown	2,312	2,437	2,472		2,478	2,610	3,505	5
3d.....	1898	Flushing.....	1,818	2,230	2,271		2,325	2,820	3,643	4
4th	1898	Jamaica.....	1,661	2,110	1,880		2,401	2,376	2,885	3
5th	1898	†Hempstead	.....	.....	.....		.....	.....	.....	..
		Total.....	5,791	6,777	6,623	.....	7,204	7,806	10,033	1

* Formed in 1870 from Newtown. The other towns were formed in 1788.
† Only part of Hempstead was consolidated with the other towns forming Greater New York

Population of Borou

Ward.	Date of Formation.	Formerly Known as	1800.	1810.	1814.	1820.	1825.	1830.	1835.	18
1st	1898	Castleton	1,056	1,301	1,348	1,527	1,786	2,216	2,868	4
2d.....	1898	*Middletown.....	.....	.....	.....	.....	.....	.....	.....	....
3d.....	1898	Northfield.....	1,377	1,595	1,710	1,980	1,984	2,162	2,297	2,
4th	1898	Southfield	932	1,007	998	1,012	719	971	845	1,
5th	1898	Westfield.....	1,198	1,144	1,446	1,616	1,443	1,773	1,681	2,
		Total.....	4,563	5,347	5,502	6,135	5,932	7,122	7,691	10,

* Formed in 1860, from Castleton and Southfield. The other towns were formed in 1788.

Malarial Fever.	Bronchitis.	Phthisis.	Pneumonia.	A Diarrhea.	A Diarrheal, under 5 years.	Cancer.	Bright's Disease and Nephritis.	All Nervous.	Puerperal Diseases.	Violence.	Sunstroke and Heat.	Suicide.
59	761	2,435	2,682	2,457	2,090	701	1,624	1,981	152	902	38	153
58	775	2,445	3,216	2,707	2,361	695	1,717	1,853	260	1,008	103	198
67	670	2,479	2,891	2,916	2,447	760	1,897	2,917	213	1,199	331	189
46	815	2,317	3,001	2,207	1,890	791	1,976	1,668	197	975	9	242
36	653	2,396	2,910	1,854	1,583	778	2,123	1,724	228	1,144	59	234
42	630	2,634	3,670	2,427	2,140	817	2,253	2,054	236	1,136	14	223
29	408	2,420	3,099	2,274	2,078	899	1,984	2,413	275	1,167	71	174
29	524	2,557	3,557	2,266	2,104	975	2,076	1,998	249	1,330	28	204
42	523	2,575	3,704	2,583	2,417	993	1,997	1,882	290	1,365	38	220

Bertilllon classification of causes of death, with the addition of dysentery.

Population, in Area Included i

Boroughs.	1800.	1810.	1814.	1820.	1825.	1830.	1835.	1840.	1845
Manhattan	60,489	96,373	95,519	123,706	160,686	197,112	268,089	312,710	371,2
The Bronx	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brooklyn	5,740	8,303	7,655	11,187	14,679	20,535	32,057	47,613	78,6
Queens	5,791	6,777	6,623	*6,914	7,204	7,806	10,033	12,959	13,3
Richmond	4,563	5,347	5,502	6,135	5,932	7,122	7,691	10,965	13,6
Entire City	76,583	116,800	115,299	147,942	193,901	232,575	317,870	384,247	476,9

* Arithmetical mean between previous and following census (see note to Queens' table).

Note.—The census population, as given in this table, is somewhat less than the true population of th
to the tables for Manhattan and The Bronx and Queens.

Present City of New York, 1800-1905.

1850.	1855.	1860.	1865.	1870.	1875.	1880.	United States Census, 1890.	New York State Census, 1892.	United States Census, 1900.	New York State Census, 1905.
515,547	629,810	813,669	726,386	942,292	1,005,692	1,164,673	1,441,216	1,801,739	1,850,093	2,112,697
4,436	12,436	16,343	19,024	28,981	36,194	41,626	74,085		200,507	271,629
138,882	216,355	279,122	311,090	419,921	509,154	599,495	838,547	996,071	1,166,582	1,358,891
16,831	18,296	30,429	31,481	42,669	50,541	52,927	82,299	93,991	152,999	198,241
15,061	21,389	25,392	28,209	33,029	35,196	38,991	51,693	53,351	67,021	72,846
690,757	898,286	1,164,955	1,116,190	1,466,892	1,636,777	1,897,712	2,487,840	2,945,152	3,437,202	4,014,304

territory now comprised within the limits of The City of New York, for the reasons given in the foot note

l Causes, Years 1868 to

Measles.	Rate.	Decennial Rate.	Diarrhea under 5 Years.	Rate on Whole Population.	Nervous Diseases.	Rate.	Decennial Rate.	Puerperal Diseases.	Rate.	Decennial Rate.	Violence.	Rate.	Decennial Rate.
4	1.76	2.02	5,056	4.19	4,418	3.66	2.88	256	.21	.32	1,335	1.11	1.08
7	2.11	2.02	4,014	3.16	3,978	3.13	2.88	260	.20	.32	1,191	.94	1.08
3	1.76	2.02	5,206	3.89	4,565	3.41	2.88	366	.27	.32	1,487	1.11	1.08
4	1.79	2.02	4,208	3.07	4,252	3.11	2.88	489	.36	32	1,580	1.15	1.08
5	2.09	2.02	6,465	4.62	5,102	3.65	2.88	617	.44	.32	1,979	1.42	1.08
3	2.15	2.02	5,314	3.72	4,165	2.92	2.88	558	.39	.32	1,505	1.05	1.08
4	2.10	2.02	4,740	3.17	3,663	2.45	2.88	550	.37	.32	1,569	1.05	1.08
1	2.42	2.02	4,837	3.1	3,709	2.42	2.88	527	.34	.32	1,515	.99	1.08
5	2.18	2.02	4,999	3.1	3,682	2.34	2.88	470	.30	.32	1,935	1.23	1.08
1	1.77	2.02	4,729	2.9	3,480	2.14	2.88	454	.28	.32	1,345	.83	1.08
3	1.87	2.27	3,869	2.3	3,655	2.18	2.30	449	.27	.29	1,355	.81	.93
3	2.05	2.27	4,953	2.8	3,683	2.14	2.30	541	.31	.29	1,359	.79	.93
6	2.13	2.27	5,313	2.9	4,059	2.28	2.30	562	.32	.29	1,753	.99	.93
4	2.34	2.27	5,732	3.1	4,652	2.54	2.30	588	.32	.29	1,826	1.00	.93
08	2.48	2.27	5,676	3.0	4,363	2.31	2.30	579	.31	.29	1,910	1.01	.93
78	2.40	2.27	4,779	2.4	4,154	2.14	2.30	564	.29	.29	1,659	.85	.93
87	2.14	2.27	5,465	2.7	4,268	2.14	2.30	647	.32	.29	1,886	.94	.93
95	2.47	2.27	5,289	2.5	4,578	2.22	2.30	610	.30	.29	1,967	.95	.93
77	2.40	2.27	4,993	2.	4,630	2.17	2.30	538	.25	.29	1,926	.90	.93
93	2.32	2.27	5,619	2.	5,270	2.38	2.30	509	.23	.29	2,294	1.04	.93
65	2.61	2.84	5,586	2.	5,727	2.51	2.21	605	.27	.26	2,012	.88	1.12
67	2.51	2.84	5,495	2.	5,789	2.46	2.21	552	.24	.26	1,984	.80	1.12
91	3.02	2.84	5,747	2.	5,648	2.33	2.21	547	.23	.26	2,381	.98	1.12
86	3.35	2.84	6,177	2.	5,771	2.32	2.21	621	.25	.26	2,540	1.02	1.12
03	3.19	2.84	6,454	2.	6,274	2.44	2.21	657	.26	.26	3,081	1.20	1.12
50	3.43	2.84	6,114	2.	6,399	2.42	2.21	557	.21	.26	2,602	.98	1.12
78	2.49	2.84	5,992	2.	5,758	2.08	2.21	526	.19	.26	2,992	1.08	1.12
98	2.92	2.84	6,443	2.	5,751	2.01	2.21	597	.21	.26	3,446	1.20	1.12
04	2.70	2.84	5,906	2.	5,573	1.90	2.21	653	.22	.26	5,108	1.74	1.12
58	2.28	2.84	5,812	1.	5,477	1.82	2.21	597	.20	.26	3,314	1.10	1 12
64	2.50	2.71	6,336	2.	5,292	1.72	1.60	540	.18	.19	3,794	1.23	1.19
57	2.57	2.71	5,025	1.	5,171	1.64	1.60	537	.17	.19	3,335	1.06	1.19
78	3.09	2.71	5,701	1	5,944	1.58	1.60	688	.21	.19	4,003	1.24	1.19
43	2.61	2.71	5,743	1	5,321	1.60	1.60	614	.18	.19	5,228	1.57	1.19
70	2.58	2.71	4,875	1	5,667	1.48	1.60	606	.18	.19	3,493	1.02	1.19
488	2.61	2.71	4,344	1	5,965	1.41	1.60	603	.17	.19	3,851	1.09	1.19
889	3.21	2.71	5,530	1	6,496	1.78	1.60	683	.19	.19	4,877	1.34	1.19
507	2.46	2.71	5,427	1	6,904	1.84	1.60	760	.20	.19	4,109	1.09	1.09
108	2.63	2.71	5,458	1	6,610	1.44	1.60	707	.18	.19	4,285	1.04	1.19
718	2.77	2.71	6,060	1	6,295	1.33	1.60	739	.19	.19	4,497	1.13	1.19

l Causes, Years 1868 to

Measles.	Rate.	Decennial Rate.	Diarrhea under 5 Years.	Rate on Whole Population.	Nervous Diseases.	Rate.	Decennial Rate.	Puerperal Diseases.	Rate.	Decennial Rate.	Violence.	Rate.	Decennial Rate.
1	1.76	2.02	5,056	4.19	4,418	3.66	2.88	256	.21	.32	1,335	1.11	1.08
7	2.11	2.02	4,014	3.16	3,978	3.13	2.88	260	.20	.32	1,191	.94	1.08
3	1.76	2.02	5,206	3.89	4,565	3.41	2.88	366	.27	.32	1,487	1.11	1.08
4	1.79	2.02	4,208	3.07	4,252	3.11	2.88	489	.36	32	1,580	1.15	1.08
5	2.09	2.02	6,465	4.62	5,102	3.65	2.88	617	.44	.32	1,979	1.42	1.08
3	2.15	2.02	5,314	3.72	4,165	2.92	2.88	558	.39	.32	1,505	1.05	1.08
4	2.10	2.02	4,740	3.17	3,663	2.45	2.88	550	.37	.32	1,569	1.05	1.08
1	2.42	2.02	4,837	3.1	3,709	2.42	2.88	527	.34	.32	1,515	.99	1.08
5	2.18	2.02	4,999	3.1	3,682	2.34	2.88	470	.30	.32	1,935	1.23	1.08
1	1.77	2.02	4,729	2.9	3,480	2.14	2.88	454	.28	.32	1,345	.83	1.08
3	1.87	2.27	3,869	2.3	3,655	2.18	2.30	449	.27	.29	1,355	.81	.93
3	2.05	2.27	4,953	2.8	3,683	2.14	2.30	541	.31	.29	1,359	.79	.93
6	2.13	2.27	5,313	2.9	4,059	2.28	2.30	562	.32	.29	1,753	.99	.93
4	2.34	2.27	5,732	3.1	4,652	2.54	2.30	588	.32	.29	1,826	1.00	.93
08	2.48	2.27	5,676	3.0	4,363	2.31	2.30	579	.31	.29	1,910	1.01	.93
78	2.40	2.27	4,779	2.4	4,154	2.14	2.30	564	.29	.29	1,659	.85	.93
87	2.14	2.27	5,465	2.7	4,268	2.14	2.30	647	.32	.29	1,886	.94	.93
95	2.47	2.27	5,289	2.5	4,578	2.22	2.30	610	.30	.29	1,967	.95	.93
77	2.40	2.27	4,993	2.	4,630	2.17	2.30	538	.25	.29	1,926	.90	.93
93	2.32	2.27	5,619	2.	5,270	2.38	2.30	509	.23	.29	2,294	1.04	.93
65	2.61	2.84	5,586	2.	5,727	2.51	2.21	605	.27	.26	2,012	.88	1.12
67	2.51	2.84	5,495	2.	5,789	2.46	2.21	552	.24	.26	1,984	.80	1.12
91	3.02	2.84	5,747	2.	5,648	2.33	2.21	547	.23	.26	2,381	.98	1.12
86	3.35	2.84	6,177	2.	5,771	2.32	2.21	621	.25	.26	2,540	1.02	1.12
03	3.19	2.84	6,454	2.	6,274	2.44	2.21	657	.26	.26	3,081	1.20	1.12
50	3.43	2.84	6,114	2.	6,399	2.42	2.21	557	.21	.26	2,602	.98	1.12
78	2.49	2.84	5,992	2.	5,758	2.08	2.21	526	.19	.26	2,992	1.08	1.12
98	2.92	2.84	6,443	2.	5,751	2.01	2.21	597	.21	.26	3,446	1.20	1.12
04	2.70	2.84	5,906	2.	5,573	1.90	2.21	653	.22	.26	5,108	1.74	1.12
58	2.28	2.84	5,812	1.	5,477	1.82	2.21	597	.20	.26	3,314	1.10	1 12
64	2.50	2.71	6,336	2.	5,292	1.72	1.60	540	.18	.19	3,794	1.23	1.19
57	2.57	2.71	5,025	1.	5,171	1.64	1.60	537	.17	.19	3,335	1.06	1.19
78	3.09	2.71	5,701	1.	5,944	1.58	1.60	688	.21	.19	4,003	1.24	1.19
43	2.61	2.71	5,743	1.	5,321	1.60	1.60	614	.18	.19	5,228	1.57	1.19
70½	2.58	2.71	4,875	1.	5,667	1.48	1.60	606	.18	.19	3,493	1.02	1.19
48	2.61	2.71	4,344	1.	5,965	1.41	1.60	603	.17	.19	3,851	1.09	1.19
89	3.21	2.71	5,530	1.	6,496	1.78	1.60	683	.19	.19	4,877	1.34	1.19
507	2.46	2.71	5,427	1.	6,904	1.84	1.60	760	.20	.19	4,109	1.09	1.05
108	2.63	2.71	5,458	1.	6,610	1.41	1.60	707	.18	.19	4,285	1.04	1.19
718	2.77	2.71	6,060	1.	7,295	1.33	1.60	739	.19	.19	4,497	1.13	1.

ll Causes, Years 1868 to

Meaths	Rate.	Decennial Rate.	Diarrhea under 5 Years.	Rate on Whole Population.	Nervous Diseases.	Rate.	Decennial Rate.	Puerperal Diseases.	Rate.	Decennial Rate.	Violence.	Rate.	Decennial Rate.
1	1.76	2.02	5,056	4.19	4,418	3.66	2.88	256	.21	.32	1,335	1.11	1.08
7	2.11	2.02	4,014	3.16	3,978	3.13	2.88	260	.20	.32	1,191	.94	1.08
3	1.76	2.02	5,206	3.89	4,565	3.41	2.88	366	.27	.32	1,487	1.11	1.08
4	1.79	2.02	4,208	3.07	4,252	3.11	2.88	489	.36	32	1,580	1.15	1.08
5	2.09	2.02	6,465	4.62	5,102	3.65	2.88	617	.44	.32	1,979	1.42	1.08
3	2.15	2.02	5,314	3.72	4,165	2.92	2.88	558	.39	.32	1,505	1.05	1.08
4	2.10	2.02	4,740	3.17	3,663	2.45	2.88	550	.37	.32	1,569	1.05	1.08
1	2.42	2.02	4,837	3.1	3,709	2.42	2.88	527	.34	.32	1,515	.99	1.08
5	2.18	2.02	4,999	3.1	3,682	2.34	2.88	470	.30	.32	1,935	1.23	1.08
1	1.77	2.02	4,729	2.9	3,480	2.14	2.88	454	.28	.32	1,345	.83	1.08
3	1.87	2.27	3,869	2.3	3,655	2.18	2.30	449	.27	.29	1,355	.81	.93
3	2.05	2.27	4,953	2.8	3,683	2.14	2.30	541	.31	.29	1,359	.79	.93
6	2.13	2.27	5,313	2.9	4,059	2.28	2.30	562	.32	.29	1,753	.99	.93
4	2.34	2.27	5,732	3.1	4,652	2.54	2.30	588	.32	.29	1,826	1.00	.93
.0	2.48	2.27	5,676	3.0	4,363	2.31	2.30	579	.31	.29	1,910	1.01	.93
78	2.40	2.27	4,779	2.4	4,154	2.14	2.30	564	.29	.29	1,659	.85	.93
87	2.14	2.27	5,465	2.7	4,268	2.14	2.30	647	.32	.29	1,886	.94	.93
91	2.47	2.27	5,289	2.5	4,578	2.22	2.30	610	.30	.29	1,967	.95	.93
77	2.40	2.27	4,993	2.2	4,630	2.17	2.30	538	.25	.29	1,926	.90	.93
93	2.32	2.27	5,619	2.9	5,270	2.38	2.30	509	.23	.29	2,294	1.04	.93
65	2.61	2.84	5,586	2.1	4,727	2.51	2.21	605	.27	.26	2,012	.88	1.12
67	2.51	2.84	5,495	2.1	4,789	2.46	2.21	552	.24	.26	1,984	.80	1.12
91	3.02	2.84	5,747	2.1	4,648	2.33	2.21	547	.23	.26	2,381	.98	1.12
86	3.35	2.84	6,177	2.1	4,771	2.32	2.21	621	.25	.26	2,540	1.02	1.12
.03	3.19	2.84	6,454	2.1	5,274	2.44	2.21	657	.26	.26	3,081	1.20	1.12
50	3.43	2.84	6,114	2.1	5,399	2.42	2.21	557	.21	.26	2,602	.98	1.12
78	2.49	2.84	5,992	2.1	4,758	2.08	2.21	526	.19	.26	2,992	1.08	1.12
98	2.92	2.84	6,443	2.1	4,751	2.01	2.21	597	.21	.26	3,446	1.20	1.12
.04	2.70	2.84	5,906	2.1	4,573	1.90	2.21	653	.22	.26	5,108	1.74	1.12
58	2.28	2.84	5,812	1.1	4,477	1.82	2.21	597	.20	.26	3,314	1.10	1 12
64	2.50	2.71	6,336	2.	4,292	1.72	1.60	540	.18	.19	3,794	1.23	1.19
57	2.57	2.71	5,025	1.	4,171	1.64	1.60	537	.17	.19	3,335	1.06	1.19
78	3.09	2.71	5,701	1.	4,944	1.58	1.60	688	.21	.19	4,003	1.24	1.19
43	2.61	2.71	5,743	1.	4,321	1.60	1.60	614	.18	.19	5,228	1.57	1.19
70	2.58	2.71	4,875	1.	4,667	1.48	1.60	606	.18	.19	3,493	1.02	1.19
48	2.61	2.71	4,344	1.	4,965	1.41	1.60	603	.17	.19	3,851	1.09	1.19
88	3.21	2.71	5,530	1.	5,496	1.78	1.60	683	.19	.19	4,877	1.34	1.19
50	2.46	2.71	5,427	1.	5,904	1.84	1.60	760	.20	.19	4,109	1.09	1.09
.10	2.63	2.71	5,458	1.	5,610	1.44	1.60	707	.18	.19	4,285	1.04	1.19
71	2.77	2.71	6,060	1.	5,295	1.33	1.60	739	.19	.19	4,497	1.13	1.

Appendix:

METEOROLOGICAL TABLES.

The following tables have been furnished to this Department by Dr. Daniel C. Draper, Meteorologist, Department of Parks, City of New York. These tables include summaries for the year 1907, and comparisons with the past thirty-nine years.

Year.	Temperature—Fahr.					Rainfall, in inches (Including Snow Water).					Depth of Snow
	Maximum.	Month.	Minimum.	Month.	Mean.	Maximum.	Month.	Minimum.	Month.	Total.	
1850	94	July	9	Feb.	50.9	9.20	May	2.33	Nov.	54.53	..
1851	93	July	4	Dec.	52.1	6.94	April	.90	June	40.88	..
1852	93	July	—2	Jan.	51.4	6.20	Aug.	2.06	Oct.	43.84	..
1853	98	June	9	Jan.	52.2	6.80	Nov.	1.04	Dec.	52.20	..
1854	93	July	5	Dec.	50.7	8.80	April	.70	Mar.	45.18	..
1855	93	July	—7	Feb.	50.7	7.37	Oct.	1.57	Sept.	51.76	..
1856	95	July	—5	Jan.	50.5	6.73	Aug.	.66	Feb.	41.92	..
1857	90	Aug.	0	Jan.	52.1	9.05	April	1.30	Nov.	53.88	..
1858	93	June	—3	Feb.	53.1	6.42	June	1.47	Mar.	52.87	..
1859	96	July	—5	Jan.	53.1	8.21	Mar.	1.75	Oct.	57.28	..
1860	89	July	—7	Feb.	52.9	7.57	Nov.	1.43	June	47.17	..
1861	92	Aug.	—3	Feb.	53.8	8.09	Nov.	1.73	Dec.	56.52	..
1862	95	Aug.	8	Dec.	53.2	9.03	June	1.91	Dec.	53.98	..
1863	90	June	6	Feb.	54.2	8.60	July	1.05	Sept.	57.03	..
1864	97	June	8	Feb.	55.4	5.90	Dec.	2.04	Feb.	48.01	..
1865	95	July	6	Jan.	55.5	10.42	June	2.23	Aug.	62.86	..
1866	98	July	—13	Jan.	52.1	10.09	Feb.	1.67	July	51.68	..
1867	91	June	4	Jan.	49.8	10.18	June	.78	Sept.	54.61	..
1868	92	July	0	Feb.	48.6	9.60	Sept.	2.01	Oct.	64.02	..
1869	94	Aug.	4	Mar.	51.4	6.87	Feb.	1.39	April	46.47	30.[illegible]
1870	94	June	9	Feb. / Dec.	53.5	5.11	April	1.83	May	42.12	25.[illegible]
1871	92	May	—2	Dec.	51.1	7.50	Oct.	2.07	Jan.	51.26	34.[illegible]
1872	95	July	3	Mar. / Dec.	51.0	7.83	July	1.29	Feb.	42.49	40.[illegible]
1873	94	July	—1	Jan. / Feb.	5.09	9.56	Aug.	1.28	June	47.99	40.[illegible]
1874	98	June	3	Feb.	51.3	8.77	April	1.70	Oct.	45.83	35.[illegible]
1875	93	June	—3	Jan.	49.4	8.97	Aug.	1.33	May	40.90	48.[illegible]
1876	98	July	3	Dec.	51.8	8.79	Mar.	.94	Jan.	41.77	30.[illegible]
1877	92	July	10	Mar.	52.7	8.14	Oct.	.68	Dec.	40.18	27.[illegible]
1878	94	July	7	Jan. / Feb.	53.5	7.97	Aug.	1.97	April	48.66	13.[illegible]
1879	98	July	—4	Jan.	52.3	7.95	Aug.	.43	Oct.	39.03	37.[illegible]
1880	96	May	—6	Dec.	53.2	8.53	July	.62	May	36.64	27.[illegible]
1881	101	Sept.	—3	Feb.	52.3	5.81	Mar.	.86	Aug.	36.26	23.[illegible]
1882	93	July	—6	Jan.	51.9	16.85	Sept.	1.14	Aug.	45.30	20.[illegible]
1883	95	July	—1	Dec.	5.04	4.53	Oct.	1.49	Mar.	35.77	52.[illegible]

Table of Maximum, Minimum and Mean Temperature and Rainfall in the Vicinity of The City of New York at Fort Columbus, from 1822 to 1854; Deaf and Dumb Asylum from 1855 to 1868, and New York Observatory, Central Park, from 1869 to Date.

Year.	Temperature—Fahr.					Rainfall, in Inches (Including Snow Water).					Depth of Snow. (Inches.)
	Maximum.	Month.	Minimum.	Month.	Mean.	Maximum.	Month.	Minimum.	Month.	Total.	
1822	100	July	—1	Jan	54.2	....	....	....	....	....	....
1823	91	July	3	Feb. Mar.	50.5	...	....	....	....	....	....
1824	96	July	2	Feb.	52.1	....	....	....	....	...	....
1825	104	July	—3	Dec.	54.4	...	....	....	....	....	....
1826	97	July	—1	Jan	52.5	....	....	....	....	...	....
1827	96	July	0	Jan	51.8	....	....	....	....	....	....
1828	99	July	9	Jan	54.	....	....	....	....	...	...
1829	95	July	7	Jan	52.5	....	....	....	....	....	....
1830	98	July	5	Jan	54.8	....	....	....	....	....	....
1831	98	Aug.	8	Jan	51.6	....	....	....	....	....	....
1832	97	Aug.	1	Jan	51.5	....	...	....	....	....	....
1833	94	July	8	Mar	51.5	....	....	....	....	....	....
1834	94	July Aug.	6	Dec.	51.	....	....	....	....	....	....
1835	89	July Aug.	—1	Jan	49.6	....	....	....	....	....	....
1836	89	July Sept.	0	Feb.	47.6	6.46	June	.63	May	27.57	....
1837	86	July Aug.	10	Jan. Feb.	49.1	9.50	May	2.10	Sept.	65.51	....
1838	94	July Aug.	13	Feb.	50.3	4.96	Sept.	1.83	July	41.90	....
1839	86	July	6	Jan	51.2	7.61	Dec.	.69	Jan.	42.97	....
1840	91	June	2	Jan	51.2	4.59	Oct.	1.00	Dec.	29.80	..
1841	92	June	9	Jan	51.2	5.30	Jan.	.80	Feb.	42.08	....
1842	85	July Sept.	16	Jan Feb.	53.4	4.30	Oct.	1.07	Jan.	33.98	....
1843	93	June July	9	Feb.	51.4	15.26	Aug.	.76	June	41.37	....
1844	92	June	3	Jan	52.	6.	July	.55	April	36.38	....
1845	99	July	6	Feb.	53.3	4.87	Jan.	1.22	April	34.08	....
1846	95	July	5	Feb.	52.3	9.70	May	.48	Sept.	48.91	...
1847	94	June	12	Feb. Nov. Dec.	52.3	6.93	Aug.	1.53	April	64.85	...
1848	91	June July	3	Jan	52.3	7.28	May	1.16	April	36.80	...
1849	94	July	0	Jan	50.2	5.63	Oct.	.61	Jan.	31.74	..

Summaries of the Thermometer Readings (in shade) for the Year 1907, and also for the past 39 Years, from 1868 to 1908.

Fahrenheit Degrees.

Months.	1907.					39 Years.				
	Mean.	Maximum.		Minimum.		Mean.	Maximum.		Minimum.	
	Degrees.	Degrees.	Date.	Degrees.	Date.	Degrees.	Degrees.	Date.	Degrees.	Date.
January	34.9	64	2 P. M., 7th	4	8 A. M., 24th	30.6	68	4 P. M., 2d, 1876	—6	9 A. M., 24th, 1882
February	25.9	47	4 P. M., 2d	6	6 A. M., 12th	30.5	72	4 P. M., 23d, 1874	—6	7 A. M., 10th, 1899
March	42.5	74	2 P. M., 29th	18	6 A. M., 7th	37.2	74	2 P. M., 29th, 1907	3	9 A. M., 5th, 1872
April	46.6	74	4 P. M., 25th	28	6 A. M., 2d	48.7	90	3 P. M., 18th, 1896	20	9 P. M., 4th, 1874
May	56.2	85	4 P. M., 14th	40	5 A. M., 21st	60.6	96	4 P. M., 27th, 1880	32	5 A. M., 6th, 1891
June	68.5	90	3 P. M., 22d	48	9 A. M., 2d	70.2	98	4 P. M., 29th, 1874	47	5 A. M., 7th, 1879
July	77.4	91	3 P. M., 17th	64	5 A. M., 27th	75.2	100	3 P. M., 2d, 1901	54	5 A. M., 13th, 1888
August	73.4	92	4 P. M., 12th	59	5 A. M., 30th	73.3	98	5 P. M., 9th, 1896	50	6 A. M., 28th, 1885
September	66.9	86	3 P. M., 21st	49	6 A. M., 26th	67.0	101	3 P. M., 7th, 1881	39	6 A. M., 21st, 1871
October	52.6	74	4 P. M., 4th	36	7 A. M., 31st	55.3	87	3 P. M., 1st, 1881	29	6 A. M., 31st, 1887
November	46.2	61	2 P. M., 10th	33	12 P. M., 14th	43.7	76	3 P. M., 12th, 1879	5	8 A. M., 30th, 1875
December	38.7	57	2 P. M., 23d	22	8 A. M., 5th	34.2	67	4 P. M., 14th, 1881	—6	8 A M., 30th, 1880

ANNUAL SUMMARIES.

1907.	Degrees.
Mean temperature	52.4
Maximum temperature at 4 P. M., August 12th	92
Minimum temperature at 8 A. M., January 24th	[illegible]

39 Years.	Degrees.
Mean temperature	52.2
Maximum temperature at 3 P. M., September 7th, 1881	101
Minimum temperature at 8 A. M., [illegible]	[illegible]

Year.	Temperature—Fahr.					Rainfall in Inches (Including Snow Water).					Depth of Snow (Inches).
	Maximum.	Month.	Minimum.	Month.	Mean.	Maximum.	Month.	Minimum.	Month.	Total.	
1884	91	June, Aug., Sept.	−3	Dec.	52.4	6.17	Dec.	.21	Sept.	52.25	31.50
1885	99	July	−2	Feb.	51.1	5.67	Aug.	.41	Sept.	38.34	23.25
1886	94	July	−4	Feb.	51.0	5.40	May	.95	Aug.	39.38	31.00
1887	96	July	4	Jan.	50.9	7.76	June	.34	May	43.99	31.87
1888	96	June	0	Jan.	49.3	8.16	Sept.	1.53	July	53.32	37.75
1889	91	May, June	3	Feb.	52.7	11.89	July	1.10	Dec.	57.16	21.00
1890	98	July	7	Mar.	52.7	6.56	Oct.	.71	Nov.	45.63	29.63
1891	98	Aug.	9	Mar.	58.8	6.12	Jan.	1.48	June	39.55	17.37
1892	97	July	9	Jan.	51.8	7.14	Nov.	.59	Oct.	35.60	34.63
1893	95	June	1	Jan.	50.4	8.72	Aug.	1.13	July	48.26	45.62
1894	96	July	1	Feb.	52.7	8.68	Sept.	.98	June	41.01	35.25
1895	97	Sept.	−4	Feb.	52.6	5.01	Jan.	.46	Feb.	35.27	22.75
1896	98	Aug.	−5	Feb.	53.4	7.41	July	.96	Jan.	41.96	64.00
1897	93	July, Sept.	6	Jan.	53.4	9.56	July	.72	Oct.	44.55	31.75
1898	100	July	8	Feb.	54.5	6.72	May	1.25	June	47.90	35.25
1899	95	July	−6	Feb.	53.5	6.12	Sept.	1.09	May	38.57	35.37
1900	97	July	5	Feb.	53.7	5.38	Feb.	2.01	Dec.	41.19	13.37
1901	100	July	8	Jan.	52.0	7.64	July	.55	Feb.	48.69	10.62
1902	90	July	8	Dec.	52.8	7.16	Oct.	1.28	Nov.	52.77	42.74
1903	95	July	4	Feb.	52.4	13.31	Oct.	.30	May	58.32	20.50
1904	94	July	−4	Jan.	50.6	7.85	Aug.	1.88	May	41.64	47.99
1905	96	July	4	Jan.	53.2	5.84	Sept.	.72	May	37.44	26.87
1906	94	June	8	Feb.	54.6	5.90	April	1.06	Nov.	40.18	20.25
1907	92	Aug.	4	Jan.	52.4	8.33	Sept.	0.89	July	45.48	57.00

Summaries of the Rain and Snow-Gauge Readings for the Year 1907, and also for the past 39 Years, from 1868 to 1908. (Water from Melted Snow included.)

Inches.

Months.	1907.						Average for 39 Years.					
	Number of Days on which Rain or Snow Fell.	Duration.			Depth of Water.	Depth of Snow.	Number of Days on which Rain or Snow Fell.	Duration.			Depth of Water.	Depth of Snow.
		Days.	Hours.	Minutes.				Days.	Hours.	Minutes.		
January	17	3	12	30	2.89	11.00	11	3	17	10	3.45	8.89
February	7	2	9	45	2.25	21.75	10	3	7	37	3.49	9.21
March	13	3	4	45	3.08	13.25	12	3	22	53	3.80	5.83
April	12	2	18	..	3.78	5.75	9	2	23	7	3.22	1.00
May	12	2	19	..	4.22	....	10	2	12	36	3.09	....
June	9	3	..	..	3.28	....	9	1	23	36	3.28	....
July	5	..	13	25	0.89	....	11	1	23	14	4.55	....
August	8	1	2	30	3.24	....	9	1	23	56	4.49	....
September	13	2	19	..	8.33	....	8	2	4	46	3.75	....
October	8	2	2	30	4.78	....	9	2	16	9	3.88	.01
November	9	3	16	15	4.48	....	9	2	20	40	3.29	1.55
December	7	2	8	30	4.26	5.25	10	3	5	58	3.29	6.06

ANNUAL SUMMARIES.

1907.

Total water fall for the year..... 45.48 inches
Total snow fall for the year..... 57.00 inches
Total number of days on which rain or snow fell..... 120
Total duration of rain and snow 30 days, 6 hours, 10 minutes.

Average for 39 Years.

Total water fall for the year..... 43.58 inches.
Total snow fall for the year..... 32.55 inches.
Total number of days on which rain or snow fell..... 117
Total duration of rain and snow.... 34 days, 21 hours, 42 minutes.

Maximum monthly rainfall was September, 1882..... 16.85 inches.

Summaries of the Thermometer Readings (Wet Bulb) for the Year 1907, and also for the past 39 Years, from 1868 to 1908.

Fahrenheit Degrees.

Months.	1907.					39 Years.				
	Mean.	Maximum.		Minimum.		Mean.	Maximum.		Minimum.	
	Degrees.	Degrees.	Date.	Degrees.	Date.	Degrees.	Degrees.	Date.	Degrees.	Date.
January	33.0	59	5 P. M., 7th	4	7 A. M., 24th	28.5	61	2 P. M., 23d, 1906	—6	9 A. M., 24th, 1882
February	25.2	44	4 P. M., 3d	6	6 A. M., 12th	28.4	61	4 P. M., 28th, 1903	—6	7 A. M., 10th, 1899
March	40.2	68	3 P. M., 29th	18	6 A. M., 7th	34.5	68	3 P. M., 29th, 1907	3	5 P. M., 5th, 1880
April	43.1	67	4 P. M., 26th	26	6 A. M., 2d	44.3	78	2 P. M., 17th, 1896	16	9 P. M., 4th, 1874
May	52.1	76	5 P. M., 14th	35	6 A. M., 21st	55.1	81	11 A. M., 31st, 1895	30	4 A. M., 3d, 1874
June	62.6	81	4 P. M., 25th	47	9 A. M., 2d	64.2	88	2 P. M., 24th, 1886	45	5 A. M., 14th, 1875
July	69.8	81	3 P. M., 17th	57	6 A. M., 27th	68.9	87	2 P. M., 21st, 1885	49	6 A. M., 24th, 1893
August	67.0	81	5 P. M., 12th	55	5 A. M., 29th	69.0	87	5 P. M., 9th, 1896	45	6 A. M., 21st, 1887
September	63.6	78	5 P. M., 5th	44	6 A. M., 26th	61.3	84	5 P. M., 3d, 1898	36	7 A. M., 30th, 1888
October	49.4	69	4 P. M., 4th	34	7 A. M., 21st	50.3	75	4 P. M., 5th, 1898	27	4 A. M., 31st, 1869
November	43.8	58	2 P. M., 10th	33	12 P. M., 14th	40.1	69	3 P. M., 9th, 1895	5	8 A. M., 30th, 1875
December	37.0	54	2 P. M., 23d	22	8 A. M., 5th	31.6	61	1 P. M., 11th, 1879	—6	8 A. M., 30th, 1880

ANNUAL SUMMARIES.

1907.	Degrees.	39 Years.	Degrees.
Mean temperature	48.9	Mean temperature	48.0
Maximum temperature at 3 P. M., July 17th	81	Maximum temperature at 2 P. M., June 24th, 1886	88
Minimum temperature at 7 A. M., Jan. 24th	4	Minimum temperature at 9 A. M., Jan. 24th, 1882	—6

Summaries of the Sun Thermometer Readings, Showing the ***Number of Hours of Sunshine in Fahrenheit Degrees and Number*** *of Days on which no Clouds passed over the Sun for the* ***Year 1907*** *and also for the past 25 Years, from 1882 to 1908.*

Months.	1907.						25 Years.				
	Mean.	Highest.	Date.	Greatest Possible Hours of Sunshine.	Actual Number of Hours of Sunshine.	Number of Days on Which no Clouds Passed Over the Sun.	Average for 19 Years.	Highest.	Date	Actual Number of Hours of Sunshine.	Number of Days on Which no Clouds Passed Over the Sun.
January	49.8	89	11 A. M., 9th	282	99	5	53.5	112	12 M., 12th, 1890	131	5
February	54.6	97	11 A. M., 25th	286	170	7	54.6	120	11 A. M., 5th, 1890	148	6
March	66.5	122	1 P. M., 23d	355	219	6	62.0	122	1 P. M., 23d, 1907	189	6
April	66.8	112	2 P. M., 25th	381	207	6	70.7	138	2 P. M., 22d, 1886	222	8
May	74.5	122	1 P. M., 14th	432	248	9	80.7	139	1 P. M., 26th, 1885	261	7
June	85.9	129	12 M., 22d	442	308	10	87.3	142	1 P. M., 21st, 1884	284	5
July	99.4	134	1 P. M., 19th	439	343	10	97.2	149	2 P. M., 26th, 1885	206	5
August	93.4	136	2 P. M., 18th	414	315	6	96.1	143	12 M., 22d, 1893	266	5
September	83.4	124	12 M., 13th	361	181	4	92.5	146	12 M., 21st, 1895	222	6
October	80.5	116	2 P. M., 7th	329	245	16	82.3	141	12 M., 1st, 1884	188	7
November	64.3	101	12 M., 5th	283	113	2	63.3	126	1 P. M., 2d, 1886	145	5
December	54.3	90	1 P. M., 29th	279	126	3	58.5	116	1 P. M., 23d, 1891	133	5

ANNUAL SUMMARIES.

1907.	Degrees.
Mean temperature	72.8
Maximum temperature at 2 P. M., August 18th	136.
Number of hours in a year	8784.
Greatest possible hours of sunshine	4283.
Actual number of hours of sunshine	2574.
Number of days on which no clouds passed over the sun	84.

25 Years.	Degrees.
Mean temperature	74.9
Maximum temperature at at 2 P. M., July 26th, 1885	149.
Number of hours in a year	8784.
Greatest possible hours of sunshine	4283.
Actual number of hours of sunshine	2395.
Number of days on which no clouds passed over the sun	70.

Summaries of Relative Humidity (Saturation being 100), Aqueous Elastic Force of Vapor (in inch of Mercury), and Ozone (10 being the Maximum) for the Year 1907, and also for the past 39 Years, from 1868 to 1908 (except Ozone, which is for the past 30 Years).

Months.	1907.			39 Years.		
	Mean Relative Humidity.	Mean Force of Vapor.	Mean Ozone.	Mean Relative Humidity.	Mean Force of Vapor.	Mean Ozone for 30 Years.
January	80	.181	1.32	80	.180	1.57
February	90	.135	2.46	83	.146	2.20
March	81	.233	2.58	78	.210	2.32
April	71	.246	3.06	71	.261	2.04
May	73	.353	2.70	72	.387	1.51
June	69	.511	.56	71	.555	1.27
July	65	.635	.29	69	.660	1.14
August	69	.589	1.38	69	.619	1.21
September	68	.517	.45	69	.526	1.01
October	76	.324	.09	71	.334	.99
November	80	.261	.40	75	.243	1.08
December	83	.203	.06	81	.193	1.14

ANNUAL SUMMARIES.

1907.		39 Years.	
Mean Relative Humidity	75	Mean Relative Humidity	74
Mean Force of Vapor	.349	Mean Force of Vapor	.359
Mean Ozone	1.28	Mean Ozone	1.45

Summaries of the Barometer Readings for the Year 1907, and also for the past 39 Years, from 1868 to 1908.

Inches.

Months.	1907.					39 Years.				
	Mean.	Maximum.		Minimum.		Mean.	Maximum.		Minimum.	
	Inches.	Inches.	Date.	Inches.	Date.	Inches.	Inches.	Date.	Inches.	Date.
January	30.103	30.570	9 A. M., 31st	29.422	12 M., 20th	29.974	30.804	9 A. M., 2d, 1899	28.698	9 A. M., 9th, 1886
February	29.973	30.640	2 A. M., 24th	29.432	5 P. M., 19th	29.943	30.924	9 P. M., 5th, 1876	28.600	9 A. M., 6th, 1896
March	29.968	30.484	11 A. M., 16th	29.220	12 P. M., 19th	29.902	30.814	11 A. M., 5th, 1904	28.788	5 P. M., 19th, 1899
April	29.791	30.300	9 P. M., 27th	28.996	3 P. M., 9th	29.877	30.568	9 A. M., 8th, 1887	28.996	3 P. M., 9th, 1907
May	29.912	30.230	9 A. M., 5th	29.552	5 P. M., 27th	29.890	30.431	9 A. M., 10th, 1879	28.029	2 P. M., 2d, 1869
June	29.867	30.162	12 M., 23d	29.380	3 A. M., 3d	29.887	30.452	12 M., 15th, 1884	29.230	6 A. M., 26th, 1902
July	29.821	30.100	9 A. M., 15th	29.470	5 P. M., 26th	29.887	30.400	9 A. M., 7th, 1892	29.399	3 A. M., 12th, 1879
August	29.932	30.260	9 A. M., 19th	29.600	3 A. M., 25th	29.915	30.400	11 A. M., 9th, 1904	29.114	7 A. M., 24th, 1893
September	29.937	30.342	9 A. M., 15th	29.420	6 P. M., 23d	29.981	30.536	9 A. M., 23d, 1904	29.108	2 A. M., 23d, 1885
October	29.962	30.500	9 A. M., 31st	29.310	1 A. M., 29th	29.957	30.636	9 A. M., 26th, 1879	29.036	10 A. M., 10th, 1894
November	29.943	30.456	8 A. M., 1st	28.956	4 A. M., 7th	29.995	30.722	10 A. M., 19th, 1891	28.620	7 P. M., 13th, 1904
December	29.901	30.350	9 P. M., 21st	29.024	6 P. M., 23d	29.962	30.800	9 A. M., 1st, 1887	28.420	8 P. M., 29th, 1876

Annual Summaries.

1907.	Inches.
Mean pressure	29.925
Maximum pressure at 2 P. M., February 24th	30.640
Minimum pressure at 4 A. M., November 7th	28.956

39 Years.	Inches.
Mean pressure	29.930
Maximum pressure at 9 P. M., February 5th, 1876	30.924
Minimum pressure at 8 P. M., December 29th, 1876	28.420

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